

Gentran Integration Suite™

Enhancements and Fixes

Builds 4204 - 4223

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Contents

Build Notes 27

Pre-Installation Recommendation	27
Build Document Fields and Definitions	27

Build 4223 Product Enhancements and Fixes 31

Build 4223 Product Enhancements	31
Adapters - LWJDBC	31
InQuira ID: ENH2769	31
Build 4223 Product Fixes	31
Adapters - B2B	32
InQuira ID: NFX7112	32
Adapters - FTP	32
InQuira ID: NFX7705	32
InQuira ID: NFX7914	33
InQuira ID: NFX9694	34
InQuira ID: NFX9074	35
InQuira ID: NFX9687	36
Adapters - POP3	37
InQuira ID: NFX9706	37
Connect Direct Interopt	37
InQuira ID: NFX9069	37
InQuira ID: NFX9632	38
InQuira ID: NFX8851	38
InQuira ID: NFX8501	39
InQuira ID: NFX8578	40
InQuira ID: NFX7937	42
Graphical Process Modeler (GPM)	44
InQuira ID: NFX8997	44
Mailbox	44
InQuira ID: NFX8475	44
InQuira ID: NFX4461	44
Map Editor	45
InQuira ID: NFX6844	45

InQuira ID: NFX6920	46
Perimeter Server	46
InQuira ID: NFX6632	46
Performance	47
InQuira ID: NFX9705	47
Service and Adapter	47
InQuira ID: NFX4925	47
InQuira ID: NFX8072	49
InQuira ID: NFX9718	50
Workflow Engine	51
InQuira ID: NFX8216	51
InQuira ID: NFX8716	51
InQuira ID: NFX9592	52

Build 4222 Product Enhancements and Fixes **53**

Build 4222 Product Enhancements	53
Build 4222 Product Fixes	53
Adapters - FSA	54
InQuira ID: NFX7322	54
Adapters - FTP	54
InQuira ID: NFX5784	54
InQuira ID: NFX6836	55
Adapters - HTTP	57
InQuira ID: NFX4975	57
Adapters - SMTP	58
InQuira ID: NFX8340	58
Admin UI	60
InQuira ID: NFX7305	60
InQuira ID: NFX8305	60
InQuira ID: NFX8306	61
AFT	61
InQuira ID: NFX5803	61
AS2	62
InQuira ID: NFX7706	62
InQuira ID: NFX8307	62
Connect Direct Interop	63
InQuira ID: NFX4785	63
InQuira ID: NFX7327	64
InQuira ID: NFX7621	65
InQuira ID: NFX7758	66
InQuira ID: NFX7826	67
InQuira ID: NFX7946	68
InQuira ID: NFX8240	72
InQuira ID: NFX8241	75
InQuira ID: NFX8244	76
Import/Export	76
InQuira ID: NFX6796	76
Index/Purge	78
InQuira ID: NFX7244	78
InQuira ID: NFX7479	78

InQuira ID: NFX7722	82
InQuira ID: NFX8286	83
Mailbox	84
InQuira ID: NFX6772	84
Map Editor	84
InQuira ID: NFX6887	84
InQuira ID: NFX8289	85
Performance	85
InQuira ID: NFX8294	85
InQuira ID: NFX8257	86
InQuira ID: NFX8284	87
InQuira ID: NFX5401	88
InQuira ID: NFX6461	88
Perimeter Services	90
InQuira ID: NFX8256	90
Platform	91
InQuira ID: NFX4292	91
Scheduling	92
InQuira ID: NFX8263	92
Security/Encryption	92
InQuira ID: NFX8138	92
InQuira ID: NFX8254	93
Service and Adapter	93
InQuira ID: NFX6973	93
InQuira ID: NFX7115	94
InQuira ID: NFX7183	95
InQuira ID: NFX7296	96
InQuira ID: NFX8245	98
Standards	99
InQuira ID: NFX6982	99
InQuira ID: NFX5257	100
Translator	101
InQuira ID: NFX3874	101
InQuira ID: NFX8293	101
User Interface	102
InQuira ID: NFX8164	102
WebServices	103
InQuira ID: NFX7071	103
Workflow Engine	103
InQuira ID: NFX7417	103
InQuira ID: NFX8386	104

Critical Patch Notification for 4221 **105**

Gentran Integration Suite 4.2, Build 4221	105
Summary of Fixes Contained in the 4221 Hotfix	105
Knowledge Base: NFX7559	105
Knowledge Base: NFX7560	106
Knowledge Base: NFX7561	107
4221 Hotfix Installation	107
Final Fix Details	107

Build 4221 Product Enhancements	109
Build 4221 Product Fixes	109
Adapters - B2B Mail	110
InQuira ID: NFX6096	110
Adapters - FTP	110
InQuira ID: NFX6087	110
InQuira ID: NFX6344	111
Adapters - HTTP	111
InQuira ID: NFX4975	111
Adapters - SFTP	112
InQuira ID: NFX2720	112
InQuira ID: NFX6259	115
InQuira ID: NFX6596	116
Admin UI	116
InQuira ID: NFX6465	116
InQuira ID: NFX6963	117
Alerts	117
InQuira ID: NFX6263	117
Connect Direct Interop	118
InQuira ID: NFX5686	118
InQuira ID: NFX6512	118
InQuira ID: NFX6566	119
InQuira ID: NFX6868	119
InQuira ID: NFX6869	120
InQuira ID: NFX6910	120
Event	121
InQuira ID: NFX1970	121
GPM - Graphical Process Modeler	121
InQuira ID: NFX5920	121
Index/Purge	122
InQuira ID: NFX6970	122
InQuira ID: NFX7559	123
InQuira ID: NFX7561	126
InstallService	126
InQuira ID: NFX6770	126
Mailbox	127
InQuira ID: NFX6070	127
Perimeter Services	128
InQuira ID: NFX6020	128
InQuira ID: NFX6966	129
Security/Encryption	129
InQuira ID: NFX6883	129
Service and Adapter	130
InQuira ID: NFX4550	130
InQuira ID: NFX6961	130
Scheduling	131
InQuira ID: NFX6907	131
Standards	131
InQuira ID: NFX5800	131

InQuira ID: NFX7560	132
User Interface	133
InQuira ID: NFX6122	133
Workflow Engine	133
InQuira ID: NFX2957	133
InQuira ID: NFX5287	137
InQuira ID: NFX6164	138
InQuira ID: NFX6904	138

Build 4220 Product Enhancements and Fixes **141**

Build 4220 Product Enhancements	141
Adapters - SFTP	141
InQuira ID: ENH395	141
Security/Encryption	141
InQuira ID: ENH1557	141
Build 4220 Product Fixes	142
Adapters - File System	142
InQuira ID: NFX5320	142
Adapters - FTP	143
InQuira ID: NFX4038	143
Adapters - LDAP	144
InQuira ID: NFX5084	144
Adapters - SFTP	144
InQuira ID: NFX5196	144
InQuira ID: NFX5818	145
Alert Service	145
InQuira ID: NFX5824	145
Archiving	146
InQuira ID: NFX5935	146
Connect Direct Interop	146
InQuira ID: NFX4863	146
InQuira ID: NFX5270	147
InQuira ID: NFX5804	147
InQuira ID: NFX5835	148
InQuira ID: NFX5841	150
Correlation Search	151
InQuira ID: NFX5442	151
Event	151
InQuira ID: NFX5020	151
InQuira ID: NFX5945	152
GPM - Graphical Process Modeler	152
InQuira ID: NFX5082	152
Import/Export	153
InQuira ID: NFX5146	153
Mailbox	154
InQuira ID: NFX4283	154
InQuira ID: NFX5820	154
InQuira ID: NFX5827	155
InQuira ID: NFX5939	155
InQuira ID: NFX4980	156

Performance	156
InQuira ID: NFX5821	156
Standards	158
InQuira ID: NFX5189	158
InQuira ID: NFX5190	158
Translator	159
InQuira ID: NFX5832	159
WebServices	159
InQuira ID: NFX5825	159
Workflow Engine	160
InQuira ID: NFX5565	160
InQuira ID: NFX5819	160

Build 4219 Product Enhancements and Fixes **161**

Build 4219 Product Enhancements	161
Adapters - SFTP Client	161
InQuira ID: ENH623	161
Build 4219 Product Fixes	162
Admin UI	162
InQuira ID: NFX5172	162
Connect Direct Interop	163
InQuira ID: NFX5011	163
InQuira ID: NFX5013	163
InQuira ID: NFX5014	164
InQuira ID: NFX5015	165
InQuira ID: NFX4608	165
Graphical Process Modeler	166
InQuira ID: NFX4776	166
Mailbox	166
InQuira ID: NFX4826	166
InQuira ID: NFX4071	167
Map Editor	167
InQuira ID: NFX4911	167
Reporting Services	168
InQuira ID: NFX4755	168
Standards	168
InQuira ID: NFX4931	168
Tracking	169
InQuira ID: NFX4613	169
User Interface	169
InQuira ID: NFX4278	169

Build 4218 Product Enhancements and Fixes **171**

Build 4218 Product Enhancements	171
Build 4218 Product Fixes	171
Adapters - SFTP	171
InQuira ID: NFX5076	171

Build 4217 Product Enhancements	173
Build 4217 Product Fixes	173
Adapters - FTP	174
InQuira ID: NFX3579	174
InQuira ID: NFX3960	174
InQuira ID: NFX4253	175
Adapters - SFTP	175
InQuira ID: NFX4664	175
Admin UI	176
InQuira ID: NFX3770	176
Archiving	177
InQuira ID: NFX4299	177
Connect Direct Interop	177
InQuira ID: NFX4298	177
InQuira ID: NFX4380	178
InQuira ID: NFX4667	180
Connect Direct Server Adapter	180
InQuira ID: NFX4660	180
Crypto Message Service	180
InQuira ID: NFX4661	180
EDI	181
InQuira ID: NFX4673	181
InQuira ID: NFX4308	182
InQuira ID: NFX2814	182
GPM	183
InQuira ID: NFX4319	183
Import/Export	183
InQuira ID: NFX4360	183
Mailbox	184
InQuira ID: NFX4655	184
InQuira ID: NFX3894	184
Single SignOn	185
InQuira ID: NFX4444	185
User Interface	187
InQuira ID: NFX3774	187
InQuira ID: NFX1509	187
InQuira ID: NFX4395	188
WebExtensions	189
InQuira ID: NFX4637	189
Workflow Engine	189
InQuira ID: NFX4659	189
InQuira ID: NFX4662	190
InQuira ID: NFX2459	190
InQuira ID: NFX2887	191

Build 4216 Product Enhancements	193
---------------------------------------	-----

Service and Adapter	193
InQuira ID: ENH1151	193
Build 4216 Product Fixes	193
Adapters - FTP	194
InQuira ID: NFX3781	194
InQuira ID: NFX3831	194
InQuira ID: NFX4007	195
Adapters - HTTP	196
InQuira ID: NFX3971	196
Archiving	196
InQuira ID: NFX4170	196
Connect Direct Interop	198
InQuira ID: NFX4188	198
InQuira ID: NFX4190	199
InQuira ID: NFX4191	200
InQuira ID: NFX3798	200
InQuira ID: NFX4212	201
InQuiraID: NFX4195	201
Document Encryption	202
InQuira ID: NFX2465	202
EDI	203
InQuira ID: NFX4122	203
GPM	204
InQuira ID: NFX3836	204
Mailbox	204
InQuira ID: NFX4172	204
Security/Encryption Infrastructure	206
InQuira ID: NFX2801	206
Trading Partner Profiles	207
InQuira ID: NFX4196	207
Workflow Engine	208
InQuira ID: NFX2904	208
InQuira ID: NFX3727	208
InQuira ID: NFX3889	209

Build 4215 Product Enhancements and Fixes 211

Build 4215 Product Enhancements	211
Adapters - SFTP Client	211
InQuira ID: ENH1040	211
Service and Adapter	212
InQuira ID: ENH1067	212
Build 4215 Product Fixes	213
Adapters - FTP	214
InQuira ID: NFX3828	214
AS2	214
InQuira ID: NFX2415	214
Connect Direct Interop	215
InQuira ID: NFX3502	215
InQuira ID: NFX3603	215
InQuira ID: NFX3637	216

Graphical Process Modeler	221
InQuira ID: NFX3836	221
Import/Export.	222
InQuira ID: NFX3381	222
Mailbox	222
InQuira ID: NFX3268	222
InQuira ID: NFX3634	223
Trading Partner Profiles	223
InQuira ID: NFX3319	223
Translator	224
InQuira ID: NFX1734	224
User Interface	224
InQuira ID: NFX3221	224
InQuira ID: NFX3426	225

Build 4214 Product Enhancements and Fixes 227

Build 4214 Product Enhancements	227
Build 4214 Product Fixes	227
Adapters	228
InQuira ID: NFX3441	228
Adapters - FTP	229
InQuira ID: NFX3450	229
Adapters - WebSphereMQ Suite.	229
InQuira ID: NFX3449	229
AFT	230
InQuira ID: NFX3460	230
Connect Direct Interop	230
InQuira ID: NFX3398	230
InQuira ID: NFX2824	231
InQuira ID: NFX2558	231
InQuira ID: NFX3234	240
Import/Export.	241
InQuira ID: NFX2206	241
Install.	241
InQuira ID: NFX2769	241
InQuira ID: NFX2230	243
InstallService.	243
InQuira ID: NFX2964	243
Map Editor.	244
InQuira ID: NFX2420	244
InQuira ID: NFX2556	245
Perimeter Servers	245
InQuira ID: NFX2770	245
Platform.	246
InQuira ID: NFX3097	246
Standards	247
InQuira ID: NFX3425	247
Translation/De-Envelope.	247
InQuira ID: NFX3035	247
Translator	248

InQuira ID: NFX1775	248
User Accounts	248
InQuira ID: NFX2344	248
User Interface	249
InQuira ID: NFX2701	249
InQuira ID: NFX2771	250

Build 4213 Product Enhancements and Fixes **251**

Build 4213 Product Enhancements	251
Adapters - FTP Server	251
ENH854	251
Build 4213 Product Fixes	251
Adapters - FTP	252
InQuira ID: NFX2419	252
AS2	252
InQuira ID: NFX2470	252
Dashboard	253
InQuira ID: NFX2857	253
EDI	253
InQuira ID: NFX2489	253
InQuira ID: NFX2721	254
InQuira ID: NFX2731	255
FTP Server Adapter	255
InQuira ID: NFX2444	255
Mailbox	256
InQuira ID: NFX2903	256
Map Editor	259
InQuira ID: NFX1929	259
RosettaNet	259
InQuira ID: NFX2555	259
Screen	261
InQuira ID: NFX2138	261
Standards	262
InQuira ID: NFX2656	262
Trading Partner Profiles - AS2	264
InQuira ID: NFX2802	264
Translator	265
InQuira ID: NFX2426	265
InQuira ID: NFX1969	265
InQuira ID: NFX2698	266
User Interface	266
InQuira ID: NFX2803	266
InQuira ID: NFX2768	267
InQuira ID: NFX2619	267
Workflow Engine	268
InQuira ID: NFX2586	268
InQuira ID: NFX1896	268

Build 4212 Product Enhancements	271
ENH751.	271
ENH752.	272
ENH700.	272
ENH753.	272
Build 4212 Product Fixes.	273
ACH.	274
InQuira ID: NFX2318	274
BPML Text Editor	274
NFX2096.	274
Adapter Obscure Infrastructure.	275
InQuira ID: NFX2294	275
Adapters – WebMethods.	276
InQuira ID: NFX2027	276
B2B Mail Client Adapter	277
InQuira ID: NFX1831	277
CII Envelope Service.	277
InQuira ID: NFX1608	277
Connect:Direct Interop	278
InQuira ID: NFX2257	278
InQuira ID: NFX2275	279
InQuira ID: NFX2277	280
InQuira ID: NFX2278	282
InQuira ID: NFX2315	282
InQuira ID: NFX2316	283
DMCOPYRT	283
InQuira ID: NFX1021	283
Import/Export Gentran Integration Suite	284
NFX2330.	284
NFX2331.	285
Import/Export User Interface.	285
NFX2324.	285
Mailboxing.	286
InQuira ID: NFX2048	286
InQuira ID: NFX2286	286
InQuira ID: NFX2287	287
Map Editor.	288
InQuira ID: NFX2313	288
InQuira ID: NFX2319	288
RosettaNet	289
InQuira ID: NFX1996	289
User Interface	290
InQuira ID: NFX2232	290
Web Services	290
InQuira ID: NFX2054	290
Workflow Engine	291
InQuira ID: NFX2276	291
InQuira ID: NFX2087	291
InQuira ID: NFX2103	292

Build 4211 Product Enhancements	293
Build 4211 Product Fixes.	293
ACHDevelope	294
InQuira ID: NFX1983	294
Adapter	295
InQuira ID: NFX1920	295
Adapters – Command Line	295
InQuira ID: NFX1963	295
Adapters – File System	296
InQuira ID: NFX1904	296
Adapters – FTP	297
InQuira ID: NFX1905	297
Adapters – FTP Server	298
InQuira ID: NFX1936	298
Document Keyword Replace Service	298
InQuira ID: NFX1768	298
EDI – TRADACOMS	299
InQuira ID: NFX1900	299
EDIINT	299
InQuira ID: NFX1872	299
Enabling Technologies	301
InQuira ID: NFX1968	301
Event	301
InQuira ID: NFX1970	301
Import/Export.	302
InQuira ID: NFX2000	302
Import/Export Core	302
InQuira ID: NFX1918	302
InQuira ID: NFX1935	303
Import/Export Standards	303
InQuira ID: NFX1999	303
Index	304
InQuira ID: NFX1895	304
Mailbox Screen	304
InQuira ID: NFX1926	304
Mailboxing.	305
InQuira ID: NFX1934	305
InQuira ID: NFX1977	305
Map Editor.	306
InQuira ID: NFX1809	306
InQuira ID: NFX1890	306
InQuira ID: NFX2060	307
Performance	308
InQuira ID: NFX1957	308
Purge.	308
InQuira ID: NFX1958	308
Reporting – Core.	308
InQuira ID: NFX1966	308
RosettaNet	309

InQuira ID: NFX1996	309
SWIFT Validation Rules	310
InQuira ID: NFX1965	310
SWIFTNet Server Adapter	310
InQuira ID: NFX1960	310
Trading Partner Profiles	311
InQuira ID: NFX1959	311
Translator	311
InQuira ID: NFX1679	311
InQuira ID: NFX1871	312
InQuira ID: NFX1879	313
InQuira ID: NFX1894	313
InQuira ID: NFX1969	315
User Interface	315
InQuira ID: NFX1678	315
InQuira ID: NFX1688	316
InQuira ID: NFX1827	316
InQuira ID: NFX1849	317
InQuira ID: NFX1886	317
InQuira ID: NFX1911	318
InQuira ID: NFX1981	318
User Interface – Standards	319
InQuira ID: NFX1874	319
Workflow Engine	319
InQuira ID: NFX1961	319
InQuira ID: NFX1998	320
InQuira ID: NFX2012	321
Yantra Integration	322
InQuira ID: NFX1867	322

Build 4210 Product Enhancements and Fixes 323

Build 4210 Product Enhancements	323
Build 4210 Product Fixes	323
Adapter	324
InQuira ID: NFX1646	324
Adapters – Command Line	324
NFX1778	324
Backup	325
InQuira ID: NFX1782	325
Certificates	326
InQuira ID: NFX1724	326
Dashboard	326
NFX1822	326
DataStore	329
InQuira ID: NFX1599	329
EDI	329
InQuira ID: NFX1665	329
InQuira ID: NFX1677	330
NFX1707	331
EDI Develope Service	332

InQuira ID: NFX1607	332
Enabling Technologies	332
NFX1823	332
Executable	333
InQuira ID: NFX1750	333
FTP Adapter	333
InQuira ID: NFX1728	333
FTP Server Adapter	334
InQuira ID: NFX1730	334
Index Escalation	334
InQuira ID: NFX1796	334
Mailboxing	335
InQuira ID: NFX1731	335
InQuira ID: NFX1789	335
Map Editor	336
InQuira ID: NFX1795	336
InQuira ID: NFX1804	336
InQuira ID: NFX1806	337
Mapping	337
InQuira ID: NFX1780	337
InQuira ID: NFX1784	337
Reporting – Core	338
InQuira ID: Not available	338
Reveal Primary Document	338
InQuira ID: NFX1783	338
RosettaNet	339
InQuira ID: NFX1681	339
SAP Suite Adapter	340
InQuira ID: NFX1632	340
NFX1636	340
Screen “MyAccount” Settings	341
InQuira ID: NFX1757	341
Security/Properties	342
InQuira ID: NFX1749	342
SNMP	343
InQuira ID: NFX1746	343
Translator	343
InQuira ID: NFX1676	343
InQuira ID: NFX1701	344
User Interface	344
InQuira ID: NFX1612	344
InQuira ID: NFX1625	345
InQuira ID: NFX1678	346
InQuira ID: NFX1688	346
InQuira ID: NFX1794	346
InQuira ID: NFX1799	347
Workflow Engine	347
InQuira ID: NFX1800	347
InQuira ID: NFX1805	348

Build 4209 Product Enhancements	349
Build 4209 Product Fixes.	349
Adapter	350
InQuira ID: NFX1541	350
InQuira ID: NFX1637	351
Adapters – Command Line 2	351
InQuira ID: NFX1660	351
Adapters – Connect:Direct	352
InQuira ID: NFX1605	352
Adapters – HTTP/Rehost	352
InQuira ID: NFX1626	352
Adapters – MQ Queue	353
InQuira ID: NFX1631	353
Adapters – SAP IDoc	353
InQuira ID: NFX1531	353
InQuira ID: NFX1600	354
CII Envelope Service.	354
InQuira ID: NFX1608	354
Command Line Adapter 2	354
InQuira ID: NFX1183	354
Communications Sessions for Connect:Direct Server Adapter.	355
InQuira ID: NFX1613	355
Connect:Direct Interop	356
InQuira ID: NFX1542	356
InQuira ID: NFX1624	356
Connect:Direct Server Adapter	356
InQuira ID: NFX1494	356
InQuira ID: NFX1593	357
Correlation.java	358
InQuira ID: NFX1584	358
Correlation Search	358
InQuira ID: NFX1402	358
Correlation Search User Interface.	359
InQuira ID: NFX1604	359
Dashboard User Interface	359
InQuira ID: NFX1634	359
Datastore.	360
InQuira ID: NFX1599	360
ebXML.	360
InQuira ID: NFX1521	360
EDI	360
InQuira ID: NFX1574	360
EDIDevelope	361
InQuira ID: NFX1607	361
Enabling Technologies	361
InQuira ID: NFX1598	361
Enveloping	362
InQuira ID: NFX1618	362
Executable	363

InQuira ID: NFX1447	363
FTP Client Adapter	363
InQuira ID: NFX1614	363
Install – Services	364
InQuira ID: NFX1615	364
Mailboxing	364
InQuira ID: NFX1661	364
InQuira ID: NFX1322	364
InQuira ID: NFX1458	365
InQuira ID: NFX1466	365
Map	366
InQuira ID: NFX1468	366
Map Editor	366
InQuira ID: NFX1447	366
InQuira ID: NFX1532	367
InQuira ID: NFX1533	367
Mapper	368
InQuira ID: NFX1548	368
InQuira ID: NFX1549	369
InQuira ID: NFX1553	369
InQuira ID: NFX1559	369
InQuira ID: NFX1560	370
InQuira ID: NFX1622	370
InQuira ID: NFX1623	370
Mapping	371
InQuira ID: NFX1551	371
InQuira ID: NFX1554	371
InQuira ID: NFX1558	372
InQuira ID: NFX1641	372
NEO – Dashboard	373
InQuira ID: NFX1597	373
PGP Encryption	373
InQuira ID: NFX1657	373
Program	374
InQuira ID: NFX1493	374
InQuira ID: NFX1629	374
Reconcile997.java	375
InQuira ID: NFX1517	375
Reporting – Core	375
InQuira ID: NFX1465	375
InQuira ID: NFX1596	377
InQuira ID: NFX1538	378
Routing Rule	378
InQuira ID: NFX1606	378
SAP Suite Adapter	379
InQuira ID: NFX1632	379
InQuira ID: NFX1636	379
Scheduler	380
InQuira ID: NFX1457	380
SFTP Client Adapter	381
InQuira ID: NFX1638	381

SOAP	381
InQuira ID: NFX1630	381
Trading Partner Profiles	383
InQuira ID: NFX1539	383
InQuira ID: NFX1545	383
Translator	384
InQuira ID: NFX1658	384
InQuira ID: NFX1530	384
InQuira ID: NFX1536	384
InQuira ID: NFX1619	385
User Interface	386
InQuira ID: NFX1659	386
InQuira ID: NFX1625	386
User Interface – Manage Extended Rule Library	387
InQuira ID: NFX1601	387
WinConvert Utility	387
InQuira ID: NFX1616	387
InQuira ID: NFX1650	388
Workflow Engine	389
InQuira ID: NFX1459	389
InQuira ID: NFX1595	389

Build 4208 Product Enhancements and Fixes **391**

Build 4208 Product Enhancements	391
Build 4208 Product Fixes	391
Adapters – CLA2	392
InQuira ID: NFX1162	392
Adapters – MEFG	392
InQuira ID: NFX1390	392
AFT – Onboarding	393
InQuira ID: NFX1360	393
AFT – Visibility	394
InQuira ID: NFX1363	394
AFT Partner User Interface	394
InQuira ID: NFX1362	394
AFTRoutePackageDocument Service	395
InQuira ID: NFX1392	395
Alert Service	395
InQuira ID: NFX1361	395
Archive Manager	396
InQuira ID: NFX1397	396
AUTACK	396
InQuira ID: NFX1401	396
BPLinkagePurge	397
InQuira ID: NFX1393	397
Connect:Direct Interop	397
InQuira ID: ENH173	397
InQuira ID: NFX1420	398
Correlation Search	398
InQuira ID: NFX1402	398

EDI	399
InQuira ID: NFX1324	399
Enabling Technologies	399
InQuira ID: NFX1405	399
FTP Server Adapter	400
InQuira ID: NFX1355	400
HttpClientAdapter, WebServices, Scheduler	400
InQuira ID: NFX1391	400
ImportMAPs.sh	401
InQuira ID: NFX1395	401
Index Business Process	401
InQuira ID: NFX1173	401
Logging	403
InQuira ID: NFX1368	403
Mailbox User Interface	403
InQuira ID: NFX1364	403
Mailboxing	404
InQuira ID: NFX1322	404
InQuira ID: NFX1335	404
Map Editor	405
InQuira ID: NFX1372	405
Mapper	405
InQuira ID: NFX1304	405
Mapping	406
InQuira ID: NFX1306	406
InQuira ID: NFX1375	406
InQuira ID: NFX1376	407
SWIFTNet MEFG Server	407
InQuira ID: NFX1394	407
InQuira ID: NFX1396	408
InQuira ID: NFX1421	408
InQuira ID: NFX1423	409
SWIFT Mapping	409
InQuira ID: NFX1399	409
InQuira ID: NFX1400	410
InQuira ID: NFX1425	410
Trading Partner Profiles	410
InQuira ID: NFX1378	410
Translator	411
InQuira ID: NFX1319	411
InQuira ID: NFX1354	411
InQuira ID: NFX1356	412
InQuira ID: NFX1388	412
InQuira ID: NFX1406	413
InQuira ID: NFX1411	413
User Interface	415
InQuira ID: NFX1239	415
InQuira ID: NFX1321	416
InQuira ID: NFX1387	416
InQuira ID: NFX1398	417
User Interface – Perimeter Servers	417

InQuira ID: NFX1370	417
Web Services	418
InQuira ID: NFX1367	418
Workflow Engine	419
InQuira ID: NFX1374	419
InQuira ID: NFX1386	420

Build 4207 Product Enhancements and Fixes **423**

Build 4207 Product Enhancements	423
CII Deenvelope Service	423
InQuira ID: ENH48	423
Adapters - CD:Server	423
InQuira ID: ENH173	423
InQuira ID: ENH174	424
Build 4207 Product Fixes	424
Adapters – File System	425
InQuira ID: NFX1098	425
Adapters - SAP	427
InQuira ID: NFX1286	427
AFT – Routing	427
InQuira ID: NFX1155	427
AFT – Visibility	428
InQuira ID: NFX1123	428
AS2	428
InQuira ID: NFX 1295	428
CII	430
InQuira ID: NFX1231	430
InQuira ID: NFX1234	430
CII Deenvelope	431
InQuira ID: NFX1237	431
CLA2	431
InQuira ID: NFX1258	431
Communication Sessions Monitor	432
InQuira ID: NFX1238	432
Control Center Interop.	433
InQuira ID: NFX1259	433
Deenveloping	434
InQuira ID: NFX1220	434
EDI Translation Business Processes	434
InQuira ID: NFX1232	434
Enabling Technologies	434
InQuira ID: NFX1269	434
Enveloping	435
InQuira ID: NFX1214	435
FTP Client Adapter and Services	435
InQuira ID: NFX1270	435
FTP Client Get	436
InQuira ID: NFX1116	436
FTP Client Services	437
InQuira ID: NFX1221	437

Graphical Process Monitor (GPM)	439
InQuira ID: NFX1068	439
HTTP Adapter	439
InQuira ID: NFX1113	439
InQuira ID: NFX1284	440
HTTP Server Adapter	441
InQuira ID: NFX1229	441
InQuira ID: NFX1287	441
Import/Export Mailbox	442
InQuira ID: NFX1267	442
Mailbox Interface	443
InQuira ID: NFX1200	443
Mailboxing	444
InQuira ID: NFX1199	444
Mapping	445
InQuira ID: NFX1189	445
Map Editor	445
InQuira ID: none	445
InQuira ID: NFX1218	446
InQuira ID: NFX1219	446
InQuira ID: NFX1233	447
InQuira ID: NFX1266	447
Perimeter Services	448
InQuira ID: NFX1240	448
InQuira ID: NFX1242	448
Remote Method Invocation (RMI) Adapter	449
InQuira ID: NFX1211	449
Security	449
InQuira ID: NFX1227	449
Trading Partner Profiles	450
InQuira ID: NFX1099	450
Typing Service	450
InQuira ID: NFX1265	450
User Interface	451
InQuira ID: NFX1222	451
InQuira ID: NFX1239	452
InQuira ID: NFX1283	452
Web Extensions	453
InQuira ID: NFX1241	453
WebSuite	453
InQuira ID: NFX1225	453
Workflow Engine	454
InQuira ID: NFX1235	454
InQuira ID: NFX1285	454

Build 4206 Product Enhancements and Fixes 455

Build 4206 Product Enhancements	455
Build 4206 Product Fixes	455
Workflow Engine — Updated Solution	455
InQuira ID: NFX1072	455

Adapters — HTTP	456
InQuira ID: NFX1161	456
Adapters — CLA2	457
InQuira ID: NFX1162	457

Build 4205 Product Enhancements and Fixes 459

Important Note about Build 4205	459
Build 4205 Product Enhancements	459
Services and Adapters	459
Build 4205 Product Fixes	460
AFT	461
Fix ID: 34922-1364721, 35900-1364721	461
Fix ID: 34922-4720794	461
AS2	461
Fix ID: 33266-1364227	461
Fix ID: 34655-0000000	463
Fix ID: 35310-1365462	463
Fix ID: 35404-1365506	463
Authentication	464
Fix ID: 34761-1364167	464
Fix ID: 34845-1365137	464
Fix ID: 36042-1364007	465
Clean Up Process Monitor Details	465
Fix ID: 35159-1365395	465
Clustering	466
Fix ID: 33445-0000000	466
Fix ID: 35397-0000000	466
Connect:Direct and Connect:Enterprise	467
Fix ID: 33758-1365035	467
Fix ID: 34963-1365381	468
Fix ID: 34976-1363919	468
EDI	469
InQuira ID: NFX1276	469
Enveloping and Deenveloping	472
Fix ID: 34365-1364898	472
Fix ID: 35770-1365590	472
Fix ID: 35621-1365581	473
Fix ID: 35315-1365533	474
Fix ID: 33929-1364998	474
Fix ID: 34366-1364898	474
Fix ID: 35736-1365416	475
Fix ID: 36187-0000000	475
Fix ID: 36245-1365735	475
Event Listener	475
Fix ID: 35015-0000000	475
FTP	476
Fix ID: 34283-1358935	476
Fix ID: 34845-1365137	476
FixID: 33759-1364087	476
HTTP	477

Fix ID: 35576-1365237	477
Fix ID: 35709-1362966	478
Indexing	479
InQuira ID: NFX1163	479
Installer	479
Fix ID: 35069-1365026	479
Mailboxing	479
Fix ID: 34163-1364860	479
Fix ID: 36042-1365094	480
Map Editor	480
Fix ID: 34287-1364696, 35576-1364696	480
Fix ID: 35274-1365504	480
Fix ID: 35093-1365030	481
Perimeter Server	481
Fix ID: 35001-1365380	481
SAP Suite Builder	481
Fix ID: 35176-1365362	481
Security	482
Fix ID: 35117-1360519	482
Services and Adapters	482
Fix ID: 35114-000000	482
Fix ID: 35125-1365078	482
Fix ID: 35180-1365078	483
Fix ID: 35189-1365457	483
Fix ID: 35572-1362928	483
Fix ID: 35606-1364776	483
Fix ID: 35693-1365594	484
Fix ID: 35698-1362960	484
Fix ID: 35700-1364651	485
SSH	485
Fix ID: 35682-1365179	485
SOAP	486
Fix ID: 33171-1361633	486
System Requirements - Third Party Software	486
Fix ID: 34334-1362309	486
Trading Partners	486
Fix ID: 34480-1360976	486
Translation	487
Fix ID: 34231-1365189	487
Fix ID: 35758-1365190	487
Fix ID: 34491-1363550	487
Fix ID: 34718-1365280	488
Fix ID: 35472-1364622	488
Fix ID: 35123-1363292	489
Fix ID: 35125-1365121	489
Fix ID: 35408-1365081	489
Fix ID: 35604-0000000	489
Upgrade	490
Fix ID: 35474-0000000	490
User Interface	492
Fix ID: 32697-1363836	492

Fix ID: 35035-1364144	492
Fix ID: 35316-1365239	492
Fix ID: 35368-1365470	493
Fix ID: 35682-1365179	493
Fix ID: 35873-1365490	493
Workflow Engine	494
Fix ID: 34137-1364267	494
Fix ID: 34334-1362309	494
Fix ID: 34997-1365194	494

Build 4204 Product Enhancements and Fixes **497**

Build 4204 Product Enhancements	497
AS2	497
Fix ID: 32586-1358286	497
Fix ID: 32642-1364227	497
Command Line Adapter/Command Line 2 Adapter	498
Fix ID: 33533-1365010	498
Addition of CLA2 Windows Service	498
New Deliverables	498
Expected Behavior	498
Fix ID: 33534-1365010	499
Seamless replacement of CLA with Command Line 2 Adapter	499
New Deliverables	499
Expected Behavior	499
Connection Pools	500
Fix ID: 32619-1362964	500
HTTP Server Adapter	501
Fix ID: 29953-1358286	501
Support Tools	501
Fix ID: 32646-0000000	501
Fix ID: 32648-0000000	502
Build 4204 Product Fixes	502
AS2	503
Fix ID: 32693-1364216	503
Fix ID: 32807-1364670	503
BPML	503
Fix ID: 33060-0000000	503
Connect:Direct and Connect:Enterprise	504
Fix ID: 32256-1360919	504
Fix ID: 32855-1359524	504
Database	505
Fix ID: 32597-0000000	505
Enveloping	505
Fix ID: 32539-1363894	505
Fix ID: 32548-1363333	505
Fix ID: 32635-1363704	506
Fix ID: 32665-0000000	507
Fix ID: 33179-1362343	508
Indexing/Archive/Purge	508
Fix ID: 32657-1363634	508

Fix ID: 33065-1364604	508
Installation	509
Fix ID: 32680-0000000	509
Mapping/Map Editor	509
Fix ID: 32612-1363355	509
Fix ID: 32640-0000000	510
Fix ID: 33052-1364155	510
Lock Manager	510
Fix ID: 33722-1363794	510
Operations	511
Fix ID: 32859-0000000	511
Reporting	511
Fix ID: 32652-1364085	511
Services and Adapters	511
Fix ID: 30572-1359562	511
Fix ID: 32519-1361947	512
Fix ID: 32576-1359734	512
Fix ID: 32687-1363937	513
Fix ID: 32951-1363874	514
Fix ID: 33035-1363964	514
Fix ID: 33215-1364813	515
Fix ID: 33218-1364896	515
Fix ID: 33460-1364458	515
Fix ID: 33874-1365031	516
SWIFTNet	516
Fix ID: 33424-1365074	516
Fix ID: 33578-1364864	517
Fix ID: 34183-0000000	517
Fix ID: 34308-0000000	517
Translator	518
Fix ID: 32285-1350727	518
Fix ID: 32525-1355756	518
Fix ID: 32546-1364632	518
Fix ID: 32688-1364027	519
Fix ID: 32834-1364134	519
Fix ID: 33255-1364133	519
Fix ID: 33386-1351358	520
Upgrade	520
Fix ID: 32645-1363985	520
User Interface	521
Fix ID: 23760-1364346	521
Fix ID: 32654-0000000	521
Fix ID: 32985-1363904	521
Fix ID: 33994-0000000	522
Workflow Engine	522
Fix ID: 32578-1363551	522
Fix ID: 33679-1364249	522

Build Notes

Pre-Installation Recommendation

Sterling Commerce recommends that you perform a complete backup of the Gentran Integration Suite file system and database before applying any patch.

It is not possible to uninstall a patch.

Build Document Fields and Definitions

These are the fields for each entry in the patch information document and a description of the information each contains.

InQuira ID

Each entry within the patch information document is also entered into our customer-facing Knowledgebase. This ID represents the article number within the Knowledgebase. The Knowledgebase can be accessed via Sterling's Support on Demand Web site.

Functional Area

This represents the area of the product in which the issue was found and a fix was made. The patch information document is organized by grouping the fixes under their respective functional area.

Escalation ID

This is an internal ID used by Sterling Support. IDs that are a numerical value represent items that were reported by customers or consultants. IDs with the value "QC" represent items that were found internally.

Fix ID

This is an internal ID used by Sterling Support and Engineering to track the specific details of the fix at a code level.

Severity

There are currently two possible values for severity:

Critical

This represents fixes that are core to the product and have the potential to result in a critical or production down scenario if not applied. Example: An issue with our JDBC pools would be core to the product and apply to all Gentran Integration Suite/Sterling Integrator users. An issue with an adapter or service, such as Document Keyword Replace, would most likely not be flagged as critical. It could be critical to users that are utilizing this particular service or adapter, but not part of core.

Note: An exception could be made if an engineer feels the non-core functional area defect is severe enough or widely utilized enough to classify it as critical.

Normal

This represents fixes that are less severe and should not result in critical or production down scenarios for the core product. Some fixes, however, could be critical to individual users of that service or adapter, so it is important to look at all fixes and determine the specific impact on your environment based on your usage of the various services, adapters, and the various functional areas of the product.

Type

There are currently three possible values for type:

Core Change

Although rare, it is possible that fixing a defect requires a core change to the functionality of that component. It is important to test any functional area that is being utilized if the fix is flagged as Core Change.

New Functionality

In most cases, new functionality will be listed in the “Product Enhancements” section of the patch info document. Although rare, it is possible that fixing a defect could mean adding additional functionality to that component.

Normal Fix

Most entries will be flagged as Normal Fix. This represents items reported from the field or found internally that do not result in a core change or the addition of new functionality.

Build

This represents the build (patch) number in which the fix was first introduced. In some cases, a fix will be applied to multiple versions of the product. Patches are cumulative, so fixes exist in the introduction build and in any later build (higher build number) for that version of the product.

Build 4223 Product Enhancements and Fixes

Build 4223 Product Enhancements

The following product enhancement has been added to Build 4223:

- ◆ Adapters - LWJDBC

Adapters - LWJDBC

InQuira ID: ENH2769

Title: Request that streaming be added to the Light Weight JDBC adapter

Request Description: Request that streaming be added to the Light Weight JDBC adapter.

Escalation ID: QC (184050)

Status: Completed

Request Resolution: The Light Weight JDBC adapter now supports streaming.

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Build 4223 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4223 in the following areas:

- ◆ Adapters - B2B
- ◆ Adapters - FTP
- ◆ Adapters - POP3
- ◆ Connect Direct Interopt
- ◆ Graphical Process Modeler (GPM)
- ◆ Mailbox
- ◆ Map Editor

- ◆ Perimeter Server
- ◆ Performance
- ◆ Service and Adapter
- ◆ Workflow Engine

Adapters - B2B

InQuira ID: NFX7112

Title: B2B Mail Client failing with the error - Fail to run Mail Processing Service, Fail to get content type

Description: Gentrans Integration Suite 4.2 and build 4210 and Sterling Integrator 5.0. A scheduled B2B Mail Client Adapter fails when retrieving mail messages.

Error Message: Business Process Details report - Advanced Status - Unable to access or verify mandatory service parameter. The Status Report shows - com.sterlingcommerce.woodstock.workflow.WorkFlowException: Fail to run Mail Processing Service, Fail to get content type

Resolution: The fix to the issue is done to log proper error message in logs rather than the generic message "Fail to get content type". This issue was not related to content type. Content type was present in MIME message.

Please apply Gentrans Integration Suite, Release 4.2 Build 4223.

Please apply Sterling Integrator, Release 5.0 Build 5006 or later.

Functional Area: Adapters - B2B

Escalation ID: 80095

Fix ID: 211937, 201018

Severity: Normal

Type: Normal Fix

Build: 5006, 4223

Adapters - FTP

InQuira ID: NFX7705

Title: FTP Client List leaves active ports open and will eventually require a restart of GIS to clear the ports

Description: FTP Client List in Active mode leaves the data port open if the server returns a 550 code unless the FTP Client List is the last one of the BP. If the FTP client BP sends an NLST * and is followed by an NLST, PUT or GET service this issue can occur and is caused by the data transfer port never being established. Open ports will continue to grow over time and force a restart of Gentrans Integration Suite/Sterling Integrator.

Error Message:


```

ServiceTranscript=[
> PORT xx,xxx,xx,xxx,187,192
200 PORT command successful.
> TYPE A
200 Type set to A.
> NLST test*
550 test*: No such file or directory.
]
ListNames=[
null]

```

Resolution:

Please apply Sterling Integrator, Release 5.0 Build 5006 or later.

Please apply Gentrans Integration Suite, Release 4.2 Build 4223.

Workaround: Utilize Passive FTP if possible as issue only occurs with ports opened for active ftp data transfers.

Functional Area: Adapters - FTP

Escalation ID: 82288

Fix ID: 217640, 218021

Severity: Normal

Type: Normal Fix

Build: 5006, 4223

InQuira ID: NFX7914

Title: FTP Client Services does not work with BridgeGate FTP server.

Description: FTP Client Get Service shows success in UI but does not get document(s). Size of the returned PrimaryDocument is zero byte. FTP Client List Service shows success in UI but does not return list of file(s). FTP Client PUT Service times out.

Error Message:

```

FTP Client Get Service Status Report
Name: xxx_bridgagate_get      Instance ID:3398506      Service Name: FTP Client GET
Service
Successfully resumed waiting business process.
ServiceStartTime=[2010-01-08 13:53:33.3]
ServiceEndTime=[2010-01-08 13:53:34.701]
SessionToken=[FTPClientAdapter_FTPClientAdapter_node1_12629768124531007:50286]
ServiceTranscript=[
> PASV
227 Entering Passive Mode (161,254,162,36,11,215) > TYPE A 200 Command ok : ASCII
type selected.
> RETR PC0923101348812.edi
150 Opening ASCII mode data connection for (618 bytes).
("/ftps314652/PC0923101348812.edi") R E T R 226-Download File Size:618 bytes @
0K/sec.
226 Transfer complete. CRC32=7E3836CA ("/ftps314652/PC0923101348812.edi") RETR ]

```

```

NumberOfDocuments=[1]
<documents>
  <doc>
    <id>quark:node1:125d655de61:927692</id>
    <name>PC0923101348812.edi</name>
    <size>0</size>
  </doc>
</documents>
FTP Client List Service Status Report
Name: xxx_bridgagate_list      Instance ID:3404760      Service Name: FTP Client LIST
Service
FTPClientList finished successfully.
FTPClientAdapter=[FTPClientAdapter_FTPClientAdapter_node1]
ServiceStartTime=[2010-01-11 09:44:00.728]
ServiceEndTime=[2010-01-11 09:44:01.764]
SessionToken=[FTPClientAdapter_FTPClientAdapter_node1_12632210398941008:50288]
ServiceTranscript=[
  > PASV
  227 Entering Passive Mode (161,254,162,36,12,21) > TYPE A 200 Command ok : ASCII
type selected.
  > LIST PC0923101348812.edi
  150 Opening data connection for file list.
  226 Directory transfer complete.
]
List=[
]
FTP Client Put Service error:
<ErrorMessage>Response not received before specified timeout reached. Closing
connections.</ErrorMessage>

```

Resolution:

Please apply Gentrans Integration Suite, Release 4.2 Build 4223.

Please apply Sterling Integrator, Release 5.0 Build 5006 or later.

Functional Area: Adapters - FTP

Escalation ID: 58103, 75087, 76028, 134636

Fix ID: 210647, 211530

Severity: Critical

Type: Normal Fix

Build: 5006, 4223

InQuira ID: NFX9694

Title: Memory leak : ActivityData from FtpClient is leaking in ServiceController

Description: ActivityData from FtpClient is leaking in ServiceController. It results in OOM after some time. The leak will occur when running Waiting_on_io for beginSession

Error Message: No error message.

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4223.

Functional Area: Adapters - FTP

Escalation ID: 125878

Fix ID: 225075

Severity: Normal

Type: Normal Fix

Build: 4223

Adapters - SFTP

InQuira ID: NFX9074

Title: Upload of the file fails with SFTP Client if file is partially uploaded before on GIS SFTP Server and resume of the file

Description: If the partially uploaded file is re-uploaded with resume option, the upload fails. The Resume option transfers the file from the point it left off in last transfer.

Error Message:

```
sftpserver.log
[2009-09-25 14:21:32.13] ALL 000000000000 GLOBAL_SCOPE AUDIT: User [admin]
authenticated via password.
[2009-09-25 14:23:39.506] ALL 000000000000 GLOBAL_SCOPE AUDIT: User [admin] is
opening file [/testbox/logs 2009-09-18 (part 2).zip.filepart] for transfer.
[2009-09-25 14:24:34.736] ALL 000000000000 GLOBAL_SCOPE AUDIT: User [admin] is
opening file [/testbox/logs 2009-09-18 (part 2).zip.filepart] for transfer.
[2009-09-25 14:24:34.855] ERROR 000000000000 GLOBAL_SCOPE An exception occurred in
writeFile.
java.io.IOException: seek 4399050 not supported with cursor 0.
    at
    com.sterlingcommerce.woodstock.services.sftpserver.server.DocumentOutputStreamWrappe
r.seek(DocumentOutputStreamWrapper.java:106)
    at
    com.sterlingcommerce.woodstock.services.sftpserver.server.MessageReaderWriterBase.wr
iteBinary(MessageReaderWriterBase.java:107)
    at
    com.sterlingcommerce.woodstock.services.sftpserver.server.MessageOperation.writeBina
ry(MessageOperation.java:334)
    at
    com.sterlingcommerce.woodstock.services.sftpserver.server.MessageProvider.write(Mess
ageProvider.java:136)
    at
    com.sterlingcommerce.woodstock.services.sftpserver.server.MailboxSystemProvider.writ
eFile(MailboxSystemProvider.java:659)
    at com.maverick.sshd.SftpSubsystem$_A.run(Unknown Source) at
    com.maverick.sshd.SftpSubsystem$_S.A(Unknown Source) at
    com.maverick.sshd.SftpSubsystem.onMessageReceived(Unknown Source) at
    com.maverick.sshd.Subsystem.processMessage(Unknown Source) at
    com.maverick.sshd.SessionChannel.onChannelData(Unknown Source) at
    com.maverick.sshd.Channel.A(Unknown Source) at
    com.maverick.sshd.ConnectionProtocol.I(Unknown Source) at
    com.maverick.sshd.ConnectionProtocol.processMessage(Unknown Source) at
    com.maverick.sshd.TransportProtocol.A(Unknown Source) at
```

```
com.maverick.sshd.TransportProtocol.M(Unknown Source) at
com.maverick.sshd.TransportProtocol.processReadEvent(Unknown Source) at
com.maverick.sshd.SshDaemon$_C.A(Unknown Source) at com.maverick.sshd.L.run(Unknown
Source)
```

Resolution: Idle Connection timeout parameter is implemented in SFTP Server Adapter. The fix implement the functionality to function as below:

- 1> SFTP Client upload file partially. Network connection drops
- 2> SFTP Server Adapter after Idle Connection timeout elapses recognize
- 2> connection is idle
- 3> SFTP Server Adapter closes the file. Close the connection
- 4> GIS know the file transfer occurred partially before as partially transferred file now would exists in mailbox.
- 5> When client reupload the same file, resume option will be presented at client. 6> Client initiate resume and resume of file transfer begins where it left off.

Idle connection timeout parameter is in SFTP Server Adapter configuration. It is not a property in property files.

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Please apply Sterling Integrator Release 5.0 Build 5006 or later.

Functional Area: Adapters - SFTP

Escalation ID: 100840

Fix ID: 213378, 203090

Severity: Normal

Type: Normal Fix

Build: 5006, 4223

InQuira ID: NFX9687

Title: SFTP Client Begin Session Service hangs in Waiting I/O state if invalid port or SFTP host is used.

Description: GIS SFTP Client Begin Session Service hangs in Waiting I/O state if invalid port or SFTP host is used. The SFTP Client begin session is configured with the following retry logic.

```
<assign to="ResponseTimeout">60</assign> <assign to="RetryDelay">15</assign> <assign
to="ConnectionRetries">2</assign>
```

Though ResponseTimeout is set to 60 seconds, the client is timed out only after around 4 minutes. However the sftp client should get timed out after response timeout set in the BP (i.e 60 sec).

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Functional Area: Adapters - SFTP

Escalation ID: 135452

Fix ID: 213411

Severity: Normal
Type: Normal Fix
Build: 4223

Adapters - POP3

InQuira ID: NFX9706

Title: POP3 Adapters reads all the messages in the inbox at once.

Description: POP3 Adapters reads all the messages in the inbox at once and then processes the messages.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Functional Area: Adapters - POP3

Escalation ID: QC

Fix ID: 215307

Severity: Normal

Type: Normal Fix

Build: 4223

Connect Direct Interopt

InQuira ID: NFX9069

Title: Error SCPA024I, Unable to send data to z/OS mainframe system using SFG C:Direct custom protocol and business process

Description: UNIX/Windows File transfers to z/OS mainframe via File Gateway that use a custom SFG/Connect :Direct protocol and custom AFTRouteviaCD Business Process are failing if the record lengths are exactly the same as the dcb parameter lrecl value. For example, if a file has 94-byte records, and we have lrecl=94, the file transfer fails with error SCPA024I. The same file is transferred without any problems using a CD Unix server. Files received into Filegateway producer mailbox and routed through SFG/C:D custom protocol and custom BP to z/OS are failing.

Error Message:

```
Delivery failed. Cause: Error, C:D Transport  
com.sterlingcommerce.fg.exception.FileGatewayRouteException: Delivery failed. Cause:  
Error, C:D Transport
```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Please apply Sterling Integrator, Release 5.0 Build 5006 or later.

Functional Area: Connect Direct Interop

Escalation ID: 00177067

Fix ID: 223231, 226353

Severity: Critical

Type: Normal Fix

Build: 5006, 4223

InQuira ID: NFX9632

Title: GIS CDSA to C:D zOS transfer fails & leaves GDS allocated on mainframe.

Description: GIS CDSA to C:D zOS transfer fails & leaves GDS allocated on mainframe.

Fix change: We no longer send the DDS3 in the 71 to allow the Z/OS platform to use its default instead.

Error Message: Error Codes, JCPS014I JCPS015I

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Please apply Sterling Integrator, Release 5.0 Build 5006 or later.

Functional Area: Connect Direct Interop

Escalation ID: 163274

Fix ID: 219468, 219471

Severity: Normal

Type: Normal Fix

Build: 4223, 5006

InQuira ID: NFX8851

Title: SSO users logged in through SSP get a navigation error when editing service configurations.

Description: SSO users logged in through SSP into GIS, get a navigation error when editing service configurations. When logged in to GIS Dashboard through SSO (via SSP), and editing a service configuration (Connect:Direct Server Adapter is the only one that shows this), and you get to netmap entries, I click on edit and get a message that says 'Navigation to page was canceled'.

Error Message:

'Navigation to page was canceled'

Resolution: The pipe character ('|') is now encoded (%7C) for correct URL syntax. However, it should be noted that the SSP possesses a Block Common Exploit Strings Policy configuration parameter which includes the pipe character in its default suspicious character list. This must be removed (or the feature disabled) to edit CDSA netmaps.

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Functional Area: Connect Direct Interop

Escalation ID: 170149

Fix ID: 220288

Severity: Normal

Type: Normal Fix

Build: 4223

InQuira ID: NFX8501

Title: String index out of range error when using Connect Direct copy from Business Process

Description: A remote C:D z/OS node (4702) is connecting to GIS CD Server Adapter to copy a file from GIS using a business process. For example, the source path is "/businessprocess/SFG_ROI_CollectFile/myfilename.txt". The file is collected successfully but the following error is in the cdinterop.log: java.lang.StringIndexOutOfBoundsException: String index out of range: 0

Error Message:

```
error in cdinterop.log:
  java.lang.StringIndexOutOfBoundsException: String index out of range: 0
    at java.lang.String.charAt(String.java:444)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyHandler.fireCommFileXferBeginEvent(CopyHandler.java:297)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyHandler.beginningFileTransfer(CopyHandler.java:727)
    at
com.sterlingcommerce.cd.oemglue.GISFileSystem.fileXferBeginning(GISFileSystem.java:349)
    at com.sterlingcommerce.cd.cdjava.ACdCopier.sendData(ACdCopier.java:836)
    at com.sterlingcommerce.cd.cdjava.CdCopier.sendData(CdCopier.java:2368)
    at com.sterlingcommerce.cd.cdjava.CdCopier.doSnodeCopy(CdCopier.java:793)
    at com.sterlingcommerce.cd.cdjava.CdCopier.copySnode(CdCopier.java:346)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71Copy(CdSnApi.java:1169)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71(CdSnApi.java:845)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleSteps(CdSnApi.java:816)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleProcesses(CdSnApi.java:692)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:100)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:455)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:379)
    at com.sterlingcommerce.cd.cdjava.CDApi.beSnode(CDApi.java:135)
    at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.beTheNode(SnodeSessionMediator.java:164)
    at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.beTheNode(SnodeSessionMediator.java:497)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.notify(CDServer.java:1230)
```

```

    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServerListener$Notifier.r
un(CDServerListener.java:212)
    at java.lang.Thread.run(Thread.java:534)

```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Please apply Sterling Integrator, Release 5.0 Build 5006 or later.

Functional Area: Connect Direct Interop

Escalation ID: 00151085

Fix ID: 214996, 218145

Severity: Normal

Type: Normal Fix

Build: 4223, 5006

InQuira ID: NFX8578

Title: Connect:Direct CopyTo service fails with JMGR010I

Description: For Gentran Integration Suite, Release 4.3, this started occurring after applying Build 4322.

Symptom: Outbound transfers using Secure Plus with the Connect:Direct Server Adapter (CDSA) may fail regardless if Gentran Integration Suite is configured as the PNODE or SNODE. This failure occurs because the encrypted output exceeds the negotiated size of the communication buffer. File transfers could succeed one time and fail another. Successful transfers may result in transferred files containing zero bytes.

Potential Impact:

This defect will occur on outbound transmissions only.

When the Gentran Integration Suite Connect:Direct Server Adapter is a PNODE, the outbound transmission is accomplished by the CopyTo service.

When the Gentran Integration Suite Connect:Direct Server Adapter is a SNODE, the outbound transmission is accomplished by the remote node retrieving a file using a CopyFrom step.

Error Message:

Part of the cdinterop.cdjava log is below.

```

[2010-03-17 11:33:35.69] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSERVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010
11:33:35 AM: 04| | | | saving ckpt information in restart table:
[2010-03-17 11:33:35.69] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSERVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010
11:33:35 AM: 04| | | | processNumber:322, submitDateTime:2010076 11333517,
subNode:SCIRMTNODE pos[0] -452, spos:aced00057372002b636f6d2e73746572 452 pos[1] 0,
missing pos[2] 0, missing pos[3] 0, missing pos[4] 0, missing extended ckpt info
is:set=true, dcb=(lrecl=23036,blksize=23040,recfm=VB ,dsorg=PS ),
destName:SRT0018.txt
[2010-03-17 11:33:35.718] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSERVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010

```



```

11:33:35 AM: 04| | | | Exited ACdCopier.saveCkptInfo():, Return Value =
VOIDjava.lang.String;VOID
[2010-03-17 11:33:35.718] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSEVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010
11:33:35 AM: 03| | | Exited ACdCopier.sendCkptInfo():, Return Value =
VOIDjava.lang.String;VOID
[2010-03-17 11:33:35.753] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSEVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010
11:33:35 AM: 02| | | sslb debugging sizeLimit:3986, hadRoom:false,
hadMoreRoom:false, blobSize:0, item:4138, average(3):0, countLimit:1,rh:80000000
[2010-03-17 11:33:35.753] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSEVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010
11:33:35 AM: 02| | | sslb debugging sizeLimit:3986, hadRoom:false,
hadMoreRoom:false, blobSize:0, item:4138, average(3):0, countLimit:1,rh:80000000
[2010-03-17 11:33:35.754] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSEVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010
11:33:35 AM: 02| | | sslb debugging sizeLimit:3986, hadRoom:false,
hadMoreRoom:false, blobSize:0, item:4122, average(3):0, countLimit:1,rh:80000000
[2010-03-17 11:33:35.754] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSEVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010
11:33:35 AM: 02| | | sslb debugging sizeLimit:3986, hadRoom:false,
hadMoreRoom:false, blobSize:0, item:4202, average(3):0, countLimit:1,rh:80000000
[2010-03-17 11:33:35.754] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSEVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010
11:33:35 AM: 02| | | sslb debugging sizeLimit:3986, hadRoom:false,
hadMoreRoom:false, blobSize:0, item:4058, average(3):0, countLimit:1,rh:80000000
[2010-03-17 11:33:35.754] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSEVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010
11:33:35 AM: 02| | | sslb debugging sizeLimit:3986, hadRoom:false,
hadMoreRoom:false, blobSize:0, item:4058, average(3):0, countLimit:1,rh:80000000
[2010-03-17 11:33:35.755] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSEVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010
11:33:35 AM: 02| | | sslb debugging sizeLimit:3986, hadRoom:false,
hadMoreRoom:false, blobSize:0, item:2714, average(3):0, countLimit:1,rh:d0000000
[2010-03-17 11:33:35.755] ALL 000000000000 GLOBAL_SCOPE
SCIRMTNODE_CD_15364_OUT_1_CDSEVER_ADAPTER_node1P0003466661498L42 Mar 17, 2010
11:33:35 AM: 02| | | sslb debugging sizeLimit:3986, hadRoom:false,
hadMoreRoom:false, blobSize:0,

```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

For Gentran Integration Suite, Release 4.3 Build 4322 or later.

* You must be on the latest patch: si_43_build_4322.jar (4322)

* Download and apply si_43_build_4322_generic_hotfix_1.jar

Please apply Sterling Integrator, Release 5.0 Build 5004 or later.

Functional Area: Connect Direct Interop

Escalation ID: 00155325

Fix ID: 216134, 217564, 226538

Severity: Critical

Type: Normal Fix

Build: 4322_1, 5004, 4223

InQuira ID: NFX7937

Title: SQL Insert and Update errors in wf.log and visibility.log

Description: When using File System storage as the default storage option for services and adapters, errors are reported in the wf.log and visibility.log.

Error Message:

```
While using services and adapters storing to the File system as default the wf.log shows:
[2009-12-07 13:00:28.334] ERROR 000110010887
WORKFLOW.WORKFLOW.ERR_Document_updateAfterAppend [Document.updateAfterAppend()]
[2009-12-07 13:00:28.334] ERROR SQL Error Code: -99999
[2009-12-07 13:00:28.334] ERROR SQL State: null
com.ibm.db2.jcc.a.SqlException: Invalid argument: parameter index 4 is out of range.
at com.ibm.db2.jcc.a.id.e(id.java:3089)
at com.ibm.db2.jcc.a.id.d(id.java:3082)
at com.ibm.db2.jcc.a.id.b(id.java:887)
at com.ibm.db2.jcc.a.id.setString(id.java:879)
at
com.sterlingcommerce.woodstock.workflow.Document.updateRAFInfo(Document.java:3282)
at
com.sterlingcommerce.woodstock.workflow.RandomAccessFileWrapper.close(RandomAccessFileWrapper.java:48)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.IRandomAccessFileImpl.close(IRandomAccessFileImpl.java:77)
Build 4223 Product Fixes
Sterling Commerce, Inc. 43
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.DocumentReadingConduitImpl$DocRAF_FSReader.read(DocumentReadingConduitImpl.java:262)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.DocumentReadingConduitImpl.read(DocumentReadingConduitImpl.java:113)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.TwoWayDocumentConduitImpl.read(TwoWayDocumentConduitImpl.java:160)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyHandler.read(CopyHandler.java:212)
at com.sterlingcommerce.cd.oemglue.GISFileSystem.read(GISFileSystem.java:216)
at com.sterlingcommerce.cd.oemglue.GISDataMgr.fillBuffer(GISDataMgr.java:301)
at com.sterlingcommerce.cd.oemglue.GISDataMgr.getNextLine_New(GISDataMgr.java:469)
at com.sterlingcommerce.cd.oemglue.GISDataMgr.getNextLine(GISDataMgr.java:341)
```

```

at com.sterlingcommerce.cd.cdjava.ACdCopier.readTextRec(ACdCopier.java:268)
at com.sterlingcommerce.cd.cdjava.ACdCopier.sendData(ACdCopier.java:1242)
at com.sterlingcommerce.cd.cdjava.CdCopier.sendData(CdCopier.java:2671)
at com.sterlingcommerce.cd.cdjava.CdCopier.send(CdCopier.java:2602)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:1236)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:928)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:980)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:1108)
at com.sterlingcommerce.cd.oemglue.CopyStep.execute(CopyStep.java:392)
at
com.sterlingcommerce.cd.oemglue.PnodeSessionMediator.execute(PnodeSessionMediator.java:332)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.PNodeConnection.execute(PNodeConnection.java:284)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.copyTo(CDServer.java:1792)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.copyTo(CDServerAdapterLittleAImpl.java:291)
at sun.reflect.GeneratedMethodAccessor169.invoke(Unknown Source) at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)
)
at java.lang.reflect.Method.invoke(Method.java:324)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:261)
at sun.rmi.transport.Transport$1.run(Transport.java:148)
at java.security.AccessController.doPrivileged(Native Method) at
sun.rmi.transport.Transport.serviceCall(Transport.java:144)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:460)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:701)
at java.lang.Thread.run(Thread.java:534)
in visibiliy.log:
[2009-12-07 14:50:28.176] ERROR 000000000000 GLOBAL_SCOPE
DmiVisEventWarehouse.Worker.executeStatementsAsExecutor had a SQL exception from
pstmt: PreparedStatementHelper: SQL:
INSERT INTO ACT_NON_XFER (
NON_XFER_ID, SESSION_ID, SESSION_ARCHIVE_ID, START_TIME, END_TIME, WFID, WFSTEP,
TYPE, VALUE, IS_SUCCESS, ERROR_MSG ) VALUES (?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?)
Build 4223 Product Fixes
Sterling Commerce, Inc. 44
Values: [
MBIHttpServerAdapterPS1GIS01_126018541660811:324580999-n1,
MBIHttpServerAdapterPS1GIS01_126

```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Functional Area: Connect Direct Interop

Escalation ID: 00121336

Fix ID: 214248

Severity: Normal

Type: Normal Fix

Build: 4223

Graphical Process Modeler (GPM)

InQuira ID: NFX8997

Title: Names in GPM are not listed in alphabetical order

Description: After applying Build 4222, the Name column in the Graphical Process Modeler is now no longer in alphabetical order, nor does it match the order in the Service & Adapter guide.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Functional Area: GPM

Escalation ID: 179375

Fix ID: 221441

Severity: Normal

Type: Normal Fix

Build: 4223

Mailbox

InQuira ID: NFX8475

Title: Possible error on the Mailbox Repository

Description: When using Mailboxing, and the `disallowDuplicateMessages` is set to true, it could cause the addition of the message to the Mailbox to fail with a duplicate key error. This may only happen if two different messages with the same name are being added at the same time from two different processes.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Please apply Sterling Integrator, Release 5.0 Build 5004 or later.

Functional Area: Mailbox

Escalation ID: 124768, 00099380

Fix ID: 212229, 210095

Severity: Normal

Type: Normal Fix

Build: 5004, 4223

InQuira ID: NFX4461

Title: Technical email is sent to the user's email address when the wrong value is entered in Message ID in the MBI search

Description: The Message Search in the Mailbox User Interface sends a technical email to the user's email address if the user types in an alpha string (instead of a numeric string) in the 'Message ID' field.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

For Gentran Integration Suite, Release 4.3, please apply Build 4316 or later to resolve this issue.

For Sterling Integrator, Release 5.0, please apply Build 5002 or later to resolve this issue.

Functional Area: Mailbox

Escalation ID: 1371848, 127759

Fix ID: 208812, 171552, 175767, 176535

Severity: Normal

Type: Normal Fix

Build: 4223, 4316, 5002

Map Editor

InQuira ID: NFX6844

Title: When dividing two numbers and the result is to be 0.# only 0 is present in the data. The output is rounded to 0.

Description: When dividing two numbers and the result is to be 0.# only 0 is present in the data. If input data 0.000001 is a real (r9) to real (r9) the output after dividing is correct.

$0.000001/10 = 0.0000001$

However if the input format is a string and is converted using aton or atoi syntax the output shows 0.

```
#div10 =aton($Data.#inputfield)/10;
```

#div10= 0 where is should be 0.0000001

If the input data is 1.000001 or 1.1 and the same operation is performed as above:

$1.000001/10 = .1$ even though the output field is r9 and the output should be 1.0000001

Error Message: No error message.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Please apply Gentran Integration Suite, Release 4.3 Build 4324 or later.

Please apply Sterling Integrator, Release 5.0 Build 5006 or later.

After the patch has been applied, please download and re-install the Map Editor.

WORKAROUND: If the operation were changed to multiplication then the correct output is returned even when converting the string with atoi and aton. Also have all the fields involved be real without using any string to number conversion.

Functional Area: Map Editor
Escalation ID: 147186, 76258
Fix ID: 214803, 198962, 203101
Severity: Normal
Type: Normal Fix
Build: 4223, 4324, 5006

InQuira ID: NFX6920

Title: Error java.lang.NullPointerException is given rather than specific translation errors for very large files

Description: When processing very large files (over 15 MB), specific translator errors are no longer reported. Instead, an Interrupted_Man with java.lang.NullPointerException error is thrown.

Error Message:

```
java.lang.NullPointerException
```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Please apply Sterling Integrator, Release 5.0 Build 5003 or later.

After the patch has been applied, please download and re-install the Map Editor.

Functional Area: Map Editor
Escalation ID: 84400
Fix ID: 198336, 198593, 217385
Severity: Normal
Type: Normal Fix
Build: 4223, 4322, 5003

Perimeter Server

InQuira ID: NFX6632

Title: Hundreds or thousands of active connections listed in PSLogger.log; FTP server adapters are "unresponsive"

Description: Active Connections listed in PSLogger.log file for external GIS Perimeter Server continually grow to hundreds or even thousands of connections. Intermittent ftp connection failures. FTP server adapters accept new connections but connections then appear to "hang".

Error Message:

PSLogger.log -
ALWAYS PhysicalConnectionManager connections: active: <number in hundreds or more>,
listening: , loopback:

Resolution:

Please apply Gentrans Integration Suite, Release 4.2 Build 4223.

Please apply Gentrans Integration Suite, Release 4.3 Build 4320 or later.

Please apply Sterling Integrator, Release 5.0 Build 5003 or later.

Functional Area: Perimeter Server

Escalation ID: 27183, 125811

Fix ID: 189933, 189941, 215512

Severity: Normal

Type: Normal Fix

Build: 4320, 5003, 4223

Performance

InQuira ID: NFX9705

Title: Out of Memory Error for Oracle 10g

Description: Out of Memory Error for Oracle 10g for iSeries

Error Message: No error message.

Resolution: Load and cache wizard files on demand instead of loading and caching them at startup.

Please apply Gentrans Integration Suite, Release 4.2 Build 4223.

Functional Area: Performance

Escalation ID: QC

Fix ID: 204999

Severity: Normal

Type: Normal Fix

Build: 4223

Service and Adapter

InQuira ID: NFX4925

Title: FTPClientObscureParameter service errors when the Parameter Name value starts with a numeral

Description: The Obscure ProcessData Values service does not support parameter names that start with a numeral. The Obscure ProcessData service will throw an error because it tries to create an element in ProcessData that starts with a numeral and this is not allowed by XML syntax rules.

Error Message:

```
ERROR 000110060004 WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService2
ActivityEngineHelper.invokeService() caught exception while attempting to execute
service FTPClientObscureParameter
org.w3c.dom.DOMException: INVALID_CHARACTER_ERR: An invalid or illegal XML character
is specified.
  at org.apache.xerces.dom.CoreDocumentImpl.createElement(Unknown Source) at
com.sterlingcommerce.woodstock.xpathutil.XPathHelper.createNode(XPathHelper.java:143
5)
  at
com.sterlingcommerce.woodstock.xpathutil.XPathHelper.createTargetContext(XPathHelper
.java:1109)
  at
com.sterlingcommerce.woodstock.xpathutil.XPathHelper.createTargetContext(XPathHelper
.java:1021)
  at com.sterlingcommerce.woodstock.workflow.WFCUtil.setDataInTree(WFCUtil.java:1025)
  at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.setWFContent(WorkFlowContext
.java:2612)
  at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.setWFContent(WorkFlowContext
.java:2578)
  at
com.sterlingcommerce.woodstock.services.obscure.ObscureService.setObscuredParm(Obscu
reService.java:83)
  at
com.sterlingcommerce.woodstock.services.obscure.ObscureService.processObscureParamet
er(ObscureService.java:95)
  at
com.sterlingcommerce.woodstock.services.obscure.ObscureService.processData(ObscureSe
rvice.java:163)
  at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1751)
  at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:622)
  at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:367)
  at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:326)
  at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQue
eListener.java:202)
  at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:163)
```



```

at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:149)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:331)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:496)

```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Please apply Gentran Integration Suite, Release 4.3 Build 4323 or later.

Please apply Sterling Integrator, Release 5.0 Build 5006 or later.

NB: If a user account starts with a number and any of the obscure services are being used, e.g. for HTTP or FTP, it is necessary to use the following syntax in the client service in order to get the password.

```
<assign to="RemotePasswd" from="plaintext_123user/text()"></assign> (user called 123user exists in the system)
```

Functional Area: Service and Adapter

Escalation ID: 24668, 201154

Fix ID: 226590, 199320, 203874

Severity: Normal

Type: Normal Fix

Build: 4223, 4323, 5006

InQuira ID: NFX8072

Title: TextDocumentAppend Service does not allow the availability of the Document Name when viewed in Process Execution or AFT

Description: Customer is using the Text Document Append Service within his business process. This will then take the file and put it out in a mailbox. When the process runs, after the Text Doc Append step is ran, it will delete the filename when you view it through the Process Execution. Then when you go into the AFT UI, you will see a document put out in the mailbox, however it will have no Doc Name. If you look directly at the mailbox the name is present.

Error Message: No error message, just a document in the mailbox that has no doc name when viewed via AFT.

If unable to patch, a workaround to force the DocumentName to remain available is to use the GetDocumentInfoService before and after the TextDocAppender. (See BPML below).

```

-----
<process name="Pre_AFTRouteAddMailboxMessage">
<sequence>
<operation name="Get Document Information Service"> <participant
name="GetDocumentInfoService"/> <output
message="GetDocumentInfoServiceTypeInputMessage">

```

```

<assign to="DocumentName"
from="substring-after(/ProcessData/ServerResponse/Headers/Content-disposition/text()
, &apos;filename=&apos;)"></assign> <assign to="updateMetaDataOnly">true</assign>
<assign to="." from="*"></assign>
</output>
<input message="inmsg">
<assign to="." from="*"></assign>
</input>
</operation>
<operation name="Text Document Appender"> <participant name="TextDocAppender"/>
<output message="DocAppendInputMessage"> <assign to="appendString">Append
String</assign> <assign to="." from="*"></assign> </output> <input message="inmsg">
<assign to="." from="*"></assign> </input> </operation>
<operation name="Get Document Information Service"> <participant
name="GetDocumentInfoService"/> <output
message="GetDocumentInfoServiceTypeInputMessage">
<assign to="." from="*"></assign>
<assign to="DocumentName" from="/ProcessData/DocumentName/text()"></assign>
<assign to="updateMetaDataOnly">true</assign>
</output>
<input message="inmsg">
<assign to="." from="*"></assign>
</input>
</operation>
</sequence>
</process>

```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Functional Area: Service and Adapter

Escalation ID: 00126385

Fix ID: 210999

Severity: Normal

Type: Normal Fix

Build: 4223

InQuira ID: NFX9718

Title: XML Encoder Service not able to process large files.

Description: XML Encoder throws errors when processing files of larger size.

Error Message:

```

Java.sql.SQLException: Body too large to load into memory. It must be read using
streams

```

Resolution: XML Encoder service will process smaller files, less than 20 MB, without any issues. Processing large files with the XML Encoder service may fail with an OOM Error. To avoid this error, it is recommended to increase the heap memory equal to or greater than 2048 MB.

The fix for this issue will make XML Encoder Service to support Streaming.

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Functional Area: Service and Adapter

Escalation ID: 202698

Fix ID: 227495

Severity: Critical

Type: Core Change

Build: 4223

Workflow Engine

InQuira ID: NFX8216

Title: Query tied to Current Processes screen scanned through a complete table

Description: A query related to current processes, scanned completely through one of the big tables in GIS. There was NO GIS server performance issues observed in this specific case.

Error Message: No errors, no application performance hits. The cost is being evaluated at the database level with unnecessary CPU, read/write usage. The query can show millions of reads based on table(workflow_context) size.

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4223.

Query is modified to fetch only the top 10,000 BP (example) into JVM. Filtering and permission check still happen in JVM.

Functional Area: Workflow Engine

Escalation ID: 00121746

Fix ID: 211124

Severity: Normal

Type: Normal Fix

Build: 4223

InQuira ID: NFX8716

Title: Deleting an AS2 Trading Partner Profile leaves Business Processes in Halted

Description: When an AS2 Trading Partner profile is deleted from Sterling Integrator, it will delete the associated Business Process Definition. However, it does not delete the executions of that Business Process. If any of these executions are in Halted status, it will leave them in a state where they cannot be Terminated and will display the name 'Deleted Process Definition'.

Resolution:

Please apply Gentrans Integration Suite, Release 4.2 Build 4223.

For Sterling Integrator, Release 5.0, please apply Build 5006 or later to resolve this issue.

Functional Area: Workflow Engine

Escalation ID: 00163492

Fix ID: 218248, 217658

Severity: Normal

Type: Normal Fix

Build: 5006, 4223

InQuira ID: NFX9592

Title: OOM due to business process/workflow context distribution on a cluster when mandatory node is set

Description: Mandatory cluster nodes are set for certain BPs. When the mandatory node had a backlog on the destination queue the workflow was sent back to the originator node which again (due to the mandatory status) had to return it again (ping-pong behavior). This caused the distribution thread object to remain on memory and eventually cause an OOM.

Error Message: OOM exception

Resolution: Prevent the business process/workflow from returned from the destination (mandatory) node back to the originating node.

Please apply Gentran Integration Suite, Release 4.2 Build 4223.

Please apply Sterling Integrator, Release 5.0 Build 5006 or later.

Functional Area: Workflow Engine

Escalation ID: 00119871

Fix ID: 217001, 212221

Severity: Critical

Type: Normal Fix

Build: 5006, 4223

Build 4222 Product Enhancements and Fixes

Build 4222 Product Enhancements

Gentran Integration Suite 4.2, Build 4222 does not contain any product enhancements.

Build 4222 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4222 in the following areas:

- ◆ Adapters - FSA
- ◆ Adapters - FTP
- ◆ Adapters - HTTP
- ◆ Adapters - SMTP
- ◆ Admin UI
- ◆ AFT
- ◆ AS2
- ◆ Connect Direct Interop
- ◆ Import/Export
- ◆ Index/Purge
- ◆ Mailbox
- ◆ Map Editor
- ◆ Performance
- ◆ Perimeter Services
- ◆ Platform
- ◆ Scheduling
- ◆ Security/Encryption
- ◆ Service and Adapter
- ◆ Standards

- ◆ Translator
- ◆ User Interface
- ◆ WebServices
- ◆ Workflow Engine

Adapters - FSA

InQuira ID: NFX7322

Title: File system adapter service doesn't have status report if there is nothing to collect

Description: File system adapter service does not have status report if there is nothing to collect.

```
<Collect>
<Result><![CDATA[ service FSA_Generic doesn't have status report]]></Result>
</Collect>
```

Error Message: service FSA_Generic doesnot have status report

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Adapters - FSA

Escalation ID: 100639

Fix ID: 203834

Severity: Normal

Type: Normal Fix

Build: 4222

Adapters - FTP

InQuira ID: NFX5784

Title: FTP Client LIST service causes a business process to error if receiving a 450 No files found

Description: FTP Client LIST service causes a business process to error if receiving a 450 No files found. According to RFC 959 - NLST responses can be 450. The application should allow the business process to ignore this error when utilizing the following parameter:

ListNamesErrorSetSuccess - Ignore 550 error code when executing the NLST command.

The parameter is optional. Valid values are YES and NO.

Error Message:

```
220 ProFTPD 1.3.2 Server (ProFTPD Default Installation) [xxx.xxx.xxx.xxx]
> USER gis43
331 Password required for gis43
> PASS *****
230 User gis43 logged in
> PASV
```

```

227 Entering Passive Mode (xxx,xxx,xxx,xxx,62,99).
> TYPE A
200 Type set to A
> NLST YNK*.*
450 No files found
]

```

Resolution: A fix was done in Gentran Integration Suite, Release 4.3 Build 4319 and Sterling Integrator, Release 5.0 Build 5002 to add the behavior to ignore a 450 error if received from the FTP Client LIST service when using the parameter ListNamesErrorSetSuccess set to YES in the business process. It was found that this fix handled the 450 error when the data connection was closed and then the 450 response was received on the control connection. However in a race condition where the 450 response is received on the control channel prior to the data connection being closed, the 450 response is not ignored and the service completes with an error. This second condition has been addressed in Gentran Integration Suite, Release 4.3 Build 4322. Both conditions have been addressed in Gentran Integration Suite, Release 4.2 Build 4222.

Please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

The additional fix will be released in an upcoming Sterling Integrator 5.0 patch.

Note: The ListNamesErrorSetSuccess parameter must be used in the business process and be set to YES in order for 450 response to be ignored and the service to complete successfully.

Functional Area: Adapters - FTP

Escalation ID: 34407, 00102093, 00108534

Fix ID: 184534, 184823, 203898, 204683

Severity: Normal

Type: Normal Fix

Build: 4319, 5002, 4322, 4222

InQuira ID: NFX6836

Title: Not able to access Gentran Integration Suite FTP Server adapter. FTP server adapter stops responding. LDAP Authentication is being utilized.

Description: LDAP connections are not timing out and as a result lock-up FTP requests. The fix provides two new parameters to better manage LDAP connections. The parameters are set within `authentication_policy.properties`:

```
authentication_<number>.connect_timeout=50000 // 50 seconds
```

```
authentication_<number>.connect_pool=true // use pooling
```

Connection Timeout: If the LDAP provider cannot establish a connection within a certain timeout period, it aborts the connection attempt. By default, this timeout period is the network (TCP) timeout value.

Connection Pool: Pooling is enabled if the Gentran Integration Suite property is set to true.

Error Message: No error messages but FTP server becomes unresponsive and does not allow new connections or logins.

When this issue occurs a thread dump will generate stack traces such as the one below.

The stack trace indicates that the FTP server is waiting on the LDAP server for a response.

```
"FtpServer6" prio=5 tid=0x027c06f0 nid=0x19c5e7 in Object.wait()
[0x5b65e000..0x5b65fc28]
< at java.lang.Object.wait(Native Method)
< - waiting on <0xc33acad8> (a com.sun.jndi.ldap.LdapRequest)
< at com.sun.jndi.ldap.Connection.readReply(Connection.java:418)
< - locked
<0xc33acad8> (a com.sun.jndi.ldap.LdapRequest)
< at com.sun.jndi.ldap.LdapClient.ldapBind(LdapClient.java:340)
< - locked <0xc33acaf8> (a com.sun.jndi.ldap.LdapClient)
< at com.sun.jndi.ldap.LdapClient.authenticate(LdapClient.java:193)
< - locked
<0xc33acaf8> (a com.sun.jndi.ldap.LdapClient)
< at com.sun.jndi.ldap.LdapCtx.connect(LdapCtx.java:2640)
< at com.sun.jndi.ldap.LdapCtx.<init>(LdapCtx.java:290)
< at com.sun.jndi.ldap.LdapCtxFactory.getUsingURL(LdapCtxFactory.java:175)
< at com.sun.jndi.ldap.LdapCtxFactory.getUsingURLs(LdapCtxFactory.java:193)
< at com.sun.jndi.ldap.LdapCtxFactory.getLdapCtxInstance(LdapCtxFactory.java:136)
< at com.sun.jndi.ldap.LdapCtxFactory.getInitialContext(LdapCtxFactory.java:66)
< at javax.naming.spi.NamingManager.getInitialContext(NamingManager.java:662)
< at javax.naming.InitialContext.getDefaultInitCtx(InitialContext.java:243)
< at javax.naming.InitialContext.init(InitialContext.java:219)
< at javax.naming.InitialContext.<init>(InitialContext.java:195)
< at javax.naming.directory.InitialDirContext.<init>(InitialDirContext.java:80)
< at
com.sterlingcommerce.woodstock.security.LDAPAuthentication.isAuthenticated(LDAPAuthen
tication.java:108)
< at
com.sterlingcommerce.woodstock.security.AuthenticationService.isAuthenticated(Authen
ticationService.java:435)
< at
com.sterlingcommerce.woodstock.security.SecurityManager.isAuthenticated(SecurityMana
ger.java:343)
< at
com.sterlingcommerce.woodstock.security.User.isAuthenticatedAndPasswordUnexpired(Use
r.java:387)
< at
com.sterlingcommerce.woodstock.services.ftpserver.server.UserContext.verifyPassword(
UserContext.java:96)
< at
com.sterlingcommerce.woodstock.services.ftpserver.server.FtpUser.getUserHome(FtpUser
.java:139)
< at
com.sterlingcommerce.woodstock.services.ftpserver.server.FtpUser.authenticateUser(Ft
pUser.java:93)
< at
com.sterlingcommerce.woodstock.services.ftpserver.server.FtpCommand.handlePASSComman
d(FtpCommand.java:755)
< at sun.reflect.GeneratedMethodAccessor159.invoke(Unknown Source)
< at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25
)
< at java.lang.reflect.Method.invoke(Method.java:324)
```



```

< at
com.sterlingcommerce.woodstock.services.psclientcommon.statemachine.Command.execute(
Command.java:102)
< at
com.sterlingcommerce.woodstock.services.psclientcommon.statemachine.StateMachine.han
dleCommand(StateMachine.java:89)
< at
com.sterlingcommerce.woodstock.services.psclientcommon.statemachine.StateMachine.han
dleCommand(StateMachine.java:64)
< at
com.sterlingcommerce.woodstock.services.psclientcommon.Session.handleCommand(Session
.java:148)
< at
com.sterlingcommerce.woodstock.services.ftpserver.server.FtpSession.handleCommand(Ft
pSession.java:416)
< at
com.sterlingcommerce.woodstock.services.psclientcommon.ftp.ControlConnection.process
Input(ControlConnection.java:295)
< at
com.sterlingcommerce.woodstock.services.psclientcommon.ftp.ControlTransferAgent.han
dleControlReceiveEvent(ControlTransferAgent.java:128)
< at
com.sterlingcommerce.woodstock.services.psclientcommon.ftp.ControlTransferAgent.acce
ss$100(ControlTransferAgent.java:42)
< at
com.sterlingcommerce.woodstock.services.psclientcommon.ftp.ControlTransferAgent$2.ru
n(ControlTransferAgent.java:94)
< at
EDU.oswego.cs.dl.util.concurrent.PooledExecutor$Worker.run(PooledExecutor.java:732)
< at java.lang.Thread.run(Thread.java:534)

```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Adapters - FTP

Escalation ID: 77318

Fix ID: 202851

Severity: Normal

Type: Normal Fix

Build: 4222

Adapters - HTTP

InQuira ID: NFX4975

Title: HTTP Respond service successfully posting answer even though HTTP Client has already timed out.

Description: HTTP Respond service completes successfully even though HTTP Client has already timed out. The issue is that the HTTP Respond will always complete successfully even though a time out had occurred in the originating HTTP Client. To test this scenario, implement a business process which issues a HTTP Post to a URI on the Gentran Integration Suite HTTP Server Adapter. In the invoked business process, add a sleep service for a length of time longer than the HTTP Client Timeout Setting. The HTTP

Client will time out and disconnect however the invoked business process will resume and the HTTP Respond will send the resulting document back to the client and not report an error, even though it was impossible for it to have been able to have delivered the response.

Error Message: No error message.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

To implement this fix, you need to code two parameters in the client and server (invoked) business processes:

Client side workflow definition parameter is ResetConnectionOnError. To enable the same, you may need to add the below BPML line into HTTPClientBeginSession:

```
<assign to="ResetConnectionOnError">Enable</assign>
```

To disable the same, you may need to add the below BPML line into HTTPClientBeginSession:

```
<assign to="ResetConnectionOnError">Disable</assign>
```

Server side workflow definition parameter is ErrorOutAfterConnectionClose. To enable the same, you may need to add the below BPML line into HTTP Respond Service:

```
<assign to="ErrorOutAfterConnectionClose">Enable</assign>
```

To disable the same, you may need to add the below BPML line into HTTPClientBeginSession:

```
<assign to="ErrorOutAfterConnectionClose">Disable</assign>
```

Functional Area: Adapters - HTTP

Escalation ID: 00024348

Fix ID: 181212, 188607

Severity: Normal

Type: Normal Fix

Build: 4221, 4322

Adapters - SMTP

InQuira ID: NFX8340

Title: SMTP Adapter tests are failing for .pdf, .xls and .doc files

Description: SMTP Adapter tests are failing for .pdf, .xls and .doc files.

While trying to send files using SMTP Send Adapter over SSL, the following observation is made:

File Type	File Size	BP Status	Document Received (over email)
.pdf	2.61MB	FAILED	
	151KB	SUCCESS	CORRUPTED
.xls	45KB	FAILED	
	27KB	SUCCESS	CORRUPTED
.doc	24KB	FAILED	

Error Message:

All the failed business processes has the following error in the status report:

```
com.sterlingcommerce.woodstock.workflow.WorkFlowException: Mail Mime Service fails to
execute ...
com.sterlingcommerce.woodstock.workflow.WorkFlowException: Failed to write the
message into the Document OutputStream.
```

The following error is noted in WF.log:

```
[2010-02-09 17:48:37.826] ERROR 000110060004
WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService2
ActivityEngineHelper.invokeService() caught exception while attempting to execute
service MailMimeService
com.sterlingcommerce.woodstock.workflow.WorkFlowException: Mail Mime Service fails to
execute ...
com.sterlingcommerce.woodstock.workflow.WorkFlowException: Failed to write the
message into the Document OutputStream.
    at
com.sterlingcommerce.woodstock.services.mailmime.MailMimeService.processData(MailMim
eService.java:96)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1641)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:616)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:348)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:278)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQue
ueListener.java:192)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:157)
```

```
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:143)
    at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:332)
    at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:494)
    at java.lang.Thread.run(Thread.java:534)
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Adapters - SMTP

Escalation ID: QC

Fix ID: 212487

Severity: Normal

Type: Normal Fix

Build: 4222

Admin UI

InQuira ID: NFX7305

Title: Central Search results page starts from page 1 instead of returning to the page you came from

Description: On clicking **Return** button, **Central Search Result** page starts from first page instead of the page once came from.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Admin UI

Escalation ID: 77897

Fix ID: 196886

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX8305

Title: User Interface discrepancy issue in user account

Description: User Interface discrepancy issue in user account.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Admin UI

Escalation ID: QC

Fix ID: 204912

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX8306

Title: FTP Client Adapter does not unregister session activity

Description: FTP Client Adapter does not unregister the session activity when it errors out with `Unable to locate server`.

Error Message: `Unable to locate server`.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Admin UI

Escalation ID: QC

Fix ID: 211323

Severity: Normal

Type: Normal Fix

Build: 4222

AFT

InQuira ID: NFX5803

Title: System certificate is not being passed during FTPS even though the system certificate is selected in the Transports

Description: In Advanced File Transfer (AFT) and Sterling File Gateway (SFG) when setting up a Partner and selecting FTPS as the method of communication there is no field available to select the Gentran Integration Suite system certificate. For this connection, the system certificate must be presented for Client Authentication during the FTPS connection to the Trading Partner's FTPS Server.

Workaround:

Edit the The Advance Trading Partner setup and modify the Transport to select the system certificate. However when using this procedure, during the connection the system certificate is not being presented by the FTP Client Begin Service and the connection fails with Authorization Errors.

Error Message: Business Process Detail Report shows the error `Control Connection has been closed unexpectedly`.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: AFT

Escalation ID: 38047

Fix ID: 184684

Severity: Normal

Type: Normal Fix

Build: 4222

AS2

InQuira ID: NFX7706

Title: User: _B2B does not have permissions for mailbox

Description: If one applies patch 4212 or higher up to 4221 and the AS2 partner or organization name is more than 8 characters then the MailboxAS2Add business process can error with User does not have permissions for the mailbox.

Error Message:

ERROR MailboxAddService - Caught exception of type

```
[com.sterlingcommerce.woodstock.mailbox.repository.InsufficientMailboxPermissionException], with message [User: _B2B does not have permissions for mailbox: null].
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Workaround:

Comment out maxUserIdLength parameter in the ediint.properties.in file:

```
#maxUserIdLength=125
```

Run setupfiles.cmd/.sh and propagate to the respective ediint.properties file. However you should not create any new AS2 user accounts more than 8 characters until 4222 patch is applied as permanent fix.

Functional Area: AS2

Escalation ID: 115696

Fix ID: 206565

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX8307

Title: Gentran Integration Suite is sending AS2 messages twice to the trading partner

Description: Gentran Integration Suite is sending AS2 messages twice to the trading partner, whenever the trading partner profile is configured for asynchronous Message Disposition Notification (MDN).

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: AS2

Escalation ID: QC

Fix ID: 210934

Severity: Normal

Type: Normal Fix

Build: 4222

Connect Direct Interop

InQuira ID: NFX4785

Title: Business processes error SessionManager is null! after recycle of the CDSA Adapter

Description: The user adds a node to CDSA and needs to start stop CDSA to get it working. After the stop restart, all CD related business processes get following error:

```
[2009-01-08 09:04:26.534] ERROR 000000000000 GLOBAL_SCOPE
com.sterlingcommerce.woodstock.cdinterop.server.CDInteropServerException:
SessionManager is null!
```

All business processes using CD services do not start anymore. Also the ones starting after the restart need to reboot the server to get everything working again.

Error Message:

```
2009-01-08 09:03:50.266] ALL 000000000000 GLOBAL_SCOPE
CDServerAdapterLittleAImpl.refreshAdapter() - Adapter:
FAGConnectDirectServerAdapterGIS01_CDSEVER_ADAPTER_node1 - refreshing
[2009-01-08 09:03:50.266] ALL 000000000000 GLOBAL_SCOPE
CDServerAdapterLittleAImpl.refreshAdapter() - Adapter:
FAGConnectDirectServerAdapterGIS01_CDSEVER_ADAPTER_node1 - shutting down
[2009-01-08 09:03:50.267] ALL 000000000000 GLOBAL_SCOPE
CDServerAdapterLittleAImpl.update() - Adapter:
FAGConnectDirectServerAdapterGIS01_CDSEVER_ADAPTER_node1 - notified that my
CDServer is stopping
[2009-01-08 09:03:50.267] ALL 000000000000
GLOBAL_SCOPE CDServerAdapterLittleAImpl.update() - Adapter:
FAGConnectDirectServerAdapterGIS01_CDSEVER_ADAPTER_node1 - shutdown
[2009-01-08 09:04:00.288] ALL 000000000000 GLOBAL_SCOPE
CDServerAdapterLittleAImpl.refreshAdapter() - Adapter:
FAGConnectDirectServerAdapterGIS01_CDSEVER_ADAPTER_node1 - starting
[2009-01-08 09:04:00.291] ALL 000000000000 GLOBAL_SCOPE
CDInteropMailboxExtractionPolicy.logConfiguration()CDInteropMailboxExtractionPolicy
server mailbox configuration: extractabilityMode=[3], extractabilityCount=[0],
extractabilityForDays 0], extractabilityForHours=[0], extractabilityForMinutes=[0],
extractabilityExtractable=[Yes].
[2009-01-08 09:04:00.291] ALL 000000000000 GLOBAL_SCOPE
CDInteropMailboxExtractionPolicy.logConfiguration()CDInteropMailboxExtractionPolicy
server mailbox configuration: extractabilityMode=[3], extractabilityCount=[0],
```

```
extractabilityForDays 0], extractabilityForHours=[0], extractabilityForMinutes=[0],  
extractabilityExtractable=[Yes].  
[2009-01-08 09:04:26.534] ERROR 000000000000 GLOBAL_SCOPE  
com.sterlingcommerce.woodstock.cdinterop.server.CDInteropServerException:  
SessionManager is null!
```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Functional Area: Connect Direct Interop

Escalation ID: 24604

Fix ID: 200848, 181375

Severity: Normal

Type: Normal Fix

Build: 4322, 4222

InQuira ID: NFX7327

Title: Connect Direct Server Adapters are not disabled when Perimeter Server is disabled

Description: Currently, when the perimeter server is disabled, all associated adapters do not get disabled.

Error Message: No error message.

Resolution: Fix to Connect:Direct Server Adapter - When a member of group of Connect:Direct Server Adapter is requested to perform a service, if the perimeter services for this adapter is not available, then the workflow engine will be notified and it will search for the first available member of the group that is available and the associated perimeter server not disabled.

If the CDSA member is found, it will be used. If no member is found, the service request fails.

Whenever the associated perimeter server for CDSA is disabled, the CDSA instance will not show Disabled in Gentran Integration Suite UI. When an adapter shows “Disabled” in the UI, it means that it is no longer running, and must be (re)started (and reinitialized) before it can respond to requests. With this fix, the adapter continues to be functional but ignores requests until the PS comes back online.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Connect Direct Interop

Escalation ID: 00064553

Fix ID: 202935

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX7621

Title: When PNODE sends files to Gentran Integration Suite SNODE, Gentran Integration Suite negotiates the buffer size to 16K, instead of using the 32K on the CDSA.

Description: When a C:D PNODE (any platform) sends files to a Gentran Integration Suite SNODE, Gentran Integration Suite negotiates the buffer size to 16,254K, instead of using the 32,768K on the Gentran Integration Suite C:D Server adapter. In this scenario, the sending C:D PNODE platform always had a buffer size set to higher than 32K and these sessions were not using Secure+.

Note: If Secure+ was used on the session, that would cause Gentran Integration Suite to use a 16,254K buffer size by design.

The user recreated the problem in Builds 4219 and 4317 and in-house it was recreated it in Build 4305. This is a Gentran Integration Suite error. What triggers this problem is having the **Netmap Override** enabled on the Gentran Integration Suite CDSA.

A C:D Windows to Gentran Integration Suite CDSA was tested with the **Netmap Override** parameter disabled and the buffer size was 32,768K before processing the FMH68 record. This is working as expected. See the below cdjava logs for this test:

Our Gentran Integration Suite cdjava.log:

```
[2009-11-11 12:29:21.281] DEBUG 000000000000 GLOBAL_SCOPE
43_SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00002517153438L2 Nov 11, 2009 12:29:21 PM: 04|
| | | Exited CdMessengerCommon() bufsize=32768, Return Value =
VOIDjava.lang.String;VOID
[2009-11-11 12:29:21.281] DEBUG 000000000000 GLOBAL_SCOPE
43_SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00002517153438L2 Nov 11, 2009 12:29:21 PM: 03|
| | | Exited CdMessenger.constructor(traceMgr,commMgr,commBufSize) bufsize=32768,
Return Value = VOIDjava.lang.String;VOID
[2009-11-11 12:29:21.281] DEBUG 000000000000 GLOBAL_SCOPE
43_SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00002517153438L2 Nov 11, 2009 12:29:21 PM: 03|
| | | Entered CdSnApi.doFmh68():
[2009-11-11 12:29:21.281] DEBUG 000000000000 GLOBAL_SCOPE
43_SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00002517153438L2 Nov 11, 2009 12:29:21 PM: 04|
| | | Entered CdMessenger.recvFmh():
[2009-11-11 12:29:21.281] DEBUG 000000000000 GLOBAL_SCOPE
43_SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00002517153438L2 Nov 11, 2009 12:29:21 PM: 05|
| | | | Entered CdMessenger.recvCommBuffer():
```

When we enabled the "Netmap Override" in Gentran Integration Suite CDSA, a 16,254K buffer is being set before processing the FMH68 record. This is the reported problem.

Our Gentran Integration Suite cdjava.log

```
[2009-11-11 12:31:18.718] DEBUG 000000000000 GLOBAL_SCOPE
43_SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00001047264679L3 Nov 11, 2009 12:31:18 PM: 04|
| | | Exited CdMessengerCommon() bufsize=16254, Return Value =
VOIDjava.lang.String;VOID
[2009-11-11 12:31:18.718] DEBUG 000000000000 GLOBAL_SCOPE
43_SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00001047264679L3 Nov 11, 2009 12:31:18 PM: 03|
| | | Exited CdMessenger.constructor(traceMgr,commMgr,commBufSize) bufsize=16254,
Return Value = VOIDjava.lang.String;VOID
[2009-11-11 12:31:18.718] DEBUG 000000000000 GLOBAL_SCOPE
43_SANDBOX_CDSA_CDSERVER_ADAPTER_node1S00001047264679L3 Nov 11, 2009 12:31:18 PM: 03|
| | | Entered CdSnApi.doFmh68Secp():
```

```
[2009-11-11 12:31:18.718] DEBUG 000000000000 GLOBAL_SCOPE
43_SANDBOX_CDSA_CDSEVER_ADAPTER_node1S00001047264679L3 Nov 11, 2009 12:31:18 PM: 04|
| | | | Entered CdSnApi.doFmh68():
[2009-11-11 12:31:18.718] DEBUG 000000000000 GLOBAL_SCOPE
43_SANDBOX_CDSA_CDSEVER_ADAPTER_node1S00001047264679L3 Nov 11, 2009 12:31:18 PM: 05|
| | | | Entered CdMessenger.recvFmh():
[2009-11-11 12:31:18.718] DEBUG 000000000000 GLOBAL_SCOPE
43_SANDBOX_CDSA_CDSEVER_ADAPTER_node1S00001047264679L3 Nov 11, 2009 12:31:18 PM: 06|
| | | | | Entered CdMessenger.recvCommBuffer():
```

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Workaround:

When C:D is the PNODE initiating the session and sending data to Gentran Integration Suite, and also the PNODE has a higher buffersize value then the Gentran Integration Suite CDSA buffersize value, you can set the Gentran Integration Suite CDSA parameter "Netmap Node Override" to NO and then Gentran Integration Suite should negotiate the buffer that is selected in the CDSA 'buffersize to copy' parameter. This is applicable for non-Secure+ sessions.

Functional Area: Connect Direct Interop

Escalation ID: 110788

Fix ID: 205593

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX7758

Title: CDServerPrimitiveBeginSessionService - recording a failed Begin Session

Description: Outbound Connect Direct processes are failing with the following error:

```
CDServerPrimitiveBeginSessionService - recording a failed Begin Session attempt with
fault code [Connect:Direct Service Error]
java.lang.NullPointerException
```

The error occurs if the Connect Direct Server Adapter is refreshed while there are active outbound Connect Direct business processes. The adapter refresh occurs when the user clicks the 'Finish' button on the Server Edit Configuration UI.

Error Message:

```
java.lang.NullPointerException
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.
beginSession(CDServerAdapterLittleAImpl.java:251)
at sun.reflect.GeneratedMethodAccessor97.invoke(Unknown Source)
at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25
)
at java.lang.reflect.Method.invoke(Method.java:324)
```

```
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:261)
at sun.rmi.transport.Transport$1.run(Transport.java:148)
at java.security.AccessController.doPrivileged(Native Method)
at sun.rmi.transport.Transport.serviceCall(Transport.java:144)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:460)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:701)
at java.lang.Thread.run(Thread.java:534)
at
sun.rmi.transport.StreamRemoteCall.exceptionReceivedFromServer(StreamRemoteCall.java
:247)
at sun.rmi.transport.StreamRemoteCall.executeCall(StreamRemoteCall.java:223)
at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:133)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl_
Stub.beginSession(CDServerAdapterLittleAImpl_Stub.java:271)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerBeginSessionService
.primitiveProcessData(CDServerBeginSessionService.java:140)
at
com.sterlingcommerce.woodstock.services.cdinterop.CDService$1.run(CDService.java:94)
at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runContained(DatabaseOpe
ration.java:109)
at
com.sterlingcommerce.woodstock.services.cdinterop.CDService.processData(CDService.ja
va:92)
at com.sterlingcommerce.
```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Functional Area: Connect Direct Interop

Escalation ID: 37432

Fix ID: 200837, 200838

Severity: Critical

Type: Normal Fix

Build: 4322, 4222

InQuira ID: NFX7826

Title: Connect:Direct Server Adapter slowdown causing multiple retries from partner

Description: Connect:Direct Server Adapter slowdown causing multiple retries from partner. Partner will attempt to reconnect until all connections are exhausted. Connect Direct Server Adapter sessions are not terminating with specific trading partner. Sessions remain active even though session are terminated on pnode.

Error Message: Errors reporting sessions exhausted.

Resolution: Please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Connect Direct Interop

Escalation ID: 83775

Fix ID: 198184, 202942

Severity: Normal

Type: Normal Fix

Build: 4322, 4222

InQuira ID: NFX7946

Title: CDServerCopyToService read restart vector processing creating bottlenecks

Description: CDServerCopyToService read restart vector processing creating bottlenecks. A CDSA's checkpoint restart vector cache was refreshed at the start of each new session. This could lead to a performance degradation in the event the checkpoint database became large. A checkpoint record in the checkpoint database represents a transmission that was interrupted by a communication error that led to a session break. The receiver creates a checkpoint record at the start of each transmission and removes it upon successful completion of the transfer. As long as the record exists, the session may be resumed from the previous point of failure. Normally, sessions complete so the database should be small or empty.

In addition, the checkpoint records were aged while the CDSA's in memory cache was being refreshed at the start of every session.

Error Message:

```
cdinterop.log:
[2009-06-17 14:24:17.554] ERROR 000000000000 GLOBAL_SCOPE
CDServerCopyToService.primitiveProcessData() - detected the remote node
exception[JMGRO12I]
com.sterlingcommerce.woodstock.cdinterop.server.CDInteropRemoteNodeException:
JMGRO12I
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.copyTo(CDServer.java:1871)
    at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.copyTo(CDServerAdapterLittleAImpl.java:270)
        at sun.reflect.GeneratedMethodAccessor242.invoke(Unknown Source)
        at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    )
        at java.lang.reflect.Method.invoke(Method.java:618)
        at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
        at sun.rmi.transport.Transport$1.run(Transport.java:168)
        at java.security.AccessController.doPrivileged(AccessController.java:279)
        at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
        at
sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
    at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java:838)
```

```

        at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
        at java.lang.Thread.run(Thread.java:810)
        at
sun.rmi.transport.StreamRemoteCall.exceptionReceivedFromServer(StreamRemoteCall.java
:263)
        at
sun.rmi.transport.StreamRemoteCall.executeCall(StreamRemoteCall.java:239)
        at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:141)
        at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl_
Stub.copyTo(CDServerAdapterLittleAImpl_Stub.java:194)
        at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerCopyToService.primi
tiveProcessData(CDServerCopyToService.java:263)
        at
com.sterlingcommerce.woodstock.services.cdinterop.CDService$1.run(CDService.java:94)
        at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runContained(DatabaseOpe
ration.java:106)
        at
com.sterlingcommerce.woodstock.services.cdinterop.CDService.processData(CDService.ja
va:92)
        at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1770)
        at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:640)
        at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:367)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:328)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQue
eListener.java:202)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:163)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:149)
        at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:3
31)
        at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecuto
r.java:517)
        at java.lang.Thread.run(Thread.java:810)
[2009-06-17 14:24:17.555] DEBUG 000000000000 GLOBAL_SCOPE
CDServerCopyToService.shouldRestart(JMGR012I) - returns true
[2009-06-17 14:24:17.555] DEBUG 000000000000 GLOBAL_SCOPE
CDServerCopyToService.primitiveProcessData() - detected the restartable error, will
move onto next step in bpml and wait for retry.

```

```
[2009-06-17 14:24:17.555] ERROR 000000000000 GLOBAL_SCOPE [CDServerCopyToService] -
setting WFC Status to SUCCESS and COPY status to NEED_RESTART with Advanced Status
[Connect:Direct Server Error]
com.sterlingcommerce.woodstock.cdinterop.server.CDInteropRemoteNodeException:
JMGR012I
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.copyTo(CDServer.java:1871)
    at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.copyTo(CDServerAdapterLittleAImpl.java:270)
    at sun.reflect.GeneratedMethodAccessor242.invoke(Unknown Source)
    at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:618)
    at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
    at sun.rmi.transport.Transport$1.run(Transport.java:168)
    at java.security.AccessController.doPrivileged(AccessController.java:279)
    at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
    at
sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
    at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java:838)
    at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
    at java.lang.Thread.run(Thread.java:810)
    at
sun.rmi.transport.StreamRemoteCall.exceptionReceivedFromServer(StreamRemoteCall.java:263)
    at
sun.rmi.transport.StreamRemoteCall.executeCall(StreamRemoteCall.java:239)
    at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:141)
    at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl_Stub.copyTo(CDServerAdapterLittleAImpl_Stub.java:194)
    at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerCopyToService.primitiveProcessData(CDServerCopyToService.java:263)
    at
com.sterlingcommerce.woodstock.services.cdinterop.CDService$1.run(CDService.java:94)
    at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runContained(DatabaseOperation.java:106)
    at
com.sterlingcommerce.woodstock.services.cdinterop.CDService.processData(CDService.java:92)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1770)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:640)
```

```

        at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:367)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:328)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:202)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:163)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:149)
        at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:331)
        at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:517)
        at java.lang.Thread.run(Thread.java:810)

```

Resolution:

Please apply Gentrans Integration Suite, Release 4.2 Build 4222 or later.

Please apply Gentrans Integration Suite, Release 4.3 Build 4322 or later.

This fix removes the need to cache the records associated with an adapter by now having all access go directly to the database. This provides a number of benefits, chief among them is a performance improvement. Another improvement involves checkpoint record aging. Checkpoint records are aged once every 24 hour period instead of at the start of every session. The checkpoint records are kept in the system for the number of days set by the lifespan (ckptRemoveDate).

Configuring Checkpoint Record Lifespan

Checkpoint record lifespan is configured by setting the ckptRemoveDate property which is contained in the noapp.properties property file located in the properties subdirectory of the installation.

The ckptRemoveDate property has the following syntax:

```
ckptRemoveDate=<days>
```

Where days is a non-negative integer in the range of 0 to N representing the number of days to keep checkpoint information associated with a failed transfer for the purpose of restarting it. The default is 30 days.

To prevent future patch overrides, however, you should not change the noapp.properties(.in) file directly. Instead add the parameter to the customer_overrides.properties file. The parameter would look like this in the customer_overrides.properties file:

```
noapp.ckptRemoveDate=14
```

Functional Area: Connect Direct Interop

Escalation ID: 00069398

Fix ID: 199168, 201269

Severity: Normal

Type: Normal Fix

Build: 4322, 4222

InQuira ID: NFX8240

Title: Connect Direct Server Adapter fails to copy the file which has alphabet in parentheses in the file name

Description: Connect Direct Server Adapter fails to copy a file which has an alphabet in parentheses in the file name, i.e. /mailbox/clients/test/pub/outgoing/test.(A).txt.asc.09.10.07_10.03

Error Message: File name is truncated starting with the open parentheses '(' and the following error message is written in the cdinterop.log file with a JGIS016E error code.

```
[2009-10-07 10:03:48.609] ERROR 000000000000 GLOBAL_SCOPE
DocumentReadingConduitImpl.getRandomAccessFile() - Exception trying to use docId
/mailbox/clients/test/pub/outgoing/test.to create Document :
com.sterlingcommerce.woodstock.workflow.DocumentNotFoundException: loading document
has errorNo document with ID = /mailbox/clients/test/pub/outgoing/test.
    at com.sterlingcommerce.woodstock.workflow.Document.<init>(Document.java:1139)
    at com.sterlingcommerce.woodstock.workflow.Document.<init>(Document.java:941)
    at com.sterlingcommerce.woodstock.workflow.Document.<init>(Document.java:925)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.DocumentReadingConduitImpl.
getRandomAccessFile(DocumentReadingConduitImpl.java:139)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.AbstractDocumentConduitImpl
.getFilePointer(AbstractDocumentConduitImpl.java:109)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.TwoWayDocumentConduitImpl.g
etFilePointer(TwoWayDocumentConduitImpl.java:224)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyHandler.getFilePoi
nter(CopyHandler.java:552)
    at
com.sterlingcommerce.cd.oemglue.GISFileSystem.getFilePointer(GISFileSystem.java:164)
    at com.sterlingcommerce.cd.oemglue.GISDataMgr.invalidate(GISDataMgr.java:624)
    at com.sterlingcommerce.cd.oemglue.GISDataMgr.<init>(GISDataMgr.java:83)
    at com.sterlingcommerce.cd.oemglue.CopyStep.getNonRestartMgr(CopyStep.java:115)
    at com.sterlingcommerce.cd.oemglue.CopyStep.getDataMgr(CopyStep.java:90)
    at com.sterlingcommerce.cd.cdjava.CdCopier.getSendDataMgr(CdCopier.java:2782)
    at com.sterlingcommerce.cd.cdjava.CdCopier.openForSend(CdCopier.java:1898)
    at com.sterlingcommerce.cd.cdjava.CdCopier.send(CdCopier.java:2614)
    at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:1397)
    at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:932)
    at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:984)
    at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:1268)
    at com.sterlingcommerce.cd.oemglue.CopyStep.execute(CopyStep.java:494)
    at
com.sterlingcommerce.cd.oemglue.PnodeSessionMediator.execute(PnodeSessionMediator.ja
va:334)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.PNodeConnection.execute(PNo
deConnection.java:284)
```



```

at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.copyTo(CDServer.java:1779)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.copyTo(CDServerAdapterLittleAImpl.java:271)
at sun.reflect.GeneratedMethodAccessor244.invoke(Unknown Source)
at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
)
at java.lang.reflect.Method.invoke(Method.java:618)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:279)
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java:838)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:810)
[2009-10-07 10:03:48.609] ERROR 000000000000 GLOBAL_SCOPE (JGIS016E) - Error when
getting file pointer[java.io.IOException: loading document has errorNo document with
ID = /mailbox/clients/test/pub/outgoing/test.]
java.io.IOException: loading document has errorNo document with ID =
/mailbox/clients/test/pub/outgoing/test.
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.DocumentReadingConduitImpl.getRandomAccessFile(DocumentReadingConduitImpl.java:143)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.AbstractDocumentConduitImpl.getFilePointer(AbstractDocumentConduitImpl.java:109)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.TwoWayDocumentConduitImpl.getFilePointer(TwoWayDocumentConduitImpl.java:224)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyHandler.getFilePointer(CopyHandler.java:552)
at
com.sterlingcommerce.cd.oemglue.GISFileSystem.getFilePointer(GISFileSystem.java:164)
at com.sterlingcommerce.cd.oemglue.GISDataMgr.invalidate(GISDataMgr.java:624)
at com.sterlingcommerce.cd.oemglue.GISDataMgr.<init>(GISDataMgr.java:83)
at com.sterlingcommerce.cd.oemglue.CopyStep.getNonRestartMgr(CopyStep.java:115)
at com.sterlingcommerce.cd.oemglue.CopyStep.getDataMgr(CopyStep.java:90)
at com.sterlingcommerce.cd.cdjava.CdCopier.getSendDataMgr(CdCopier.java:2782)
at com.sterlingcommerce.cd.cdjava.CdCopier.openForSend(CdCopier.java:1898)
at com.sterlingcommerce.cd.cdjava.CdCopier.send(CdCopier.java:2614)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:1397)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:932)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:984)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:1268)
at com.sterlingcommerce.cd.oemglue.CopyStep.execute(CopyStep.java:494)
at
com.sterlingcommerce.cd.oemglue.PnodeSessionMediator.execute(PnodeSessionMediator.java:334)

```

```

at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.PNodeConnection.execute(PNodeConnection.java:284)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.copyTo(CDServer.java:1779)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.copyTo(CDServerAdapterLittleAImpl.java:271)
at sun.reflect.GeneratedMethodAccessor244.invoke(Unknown Source)
at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:618)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:279)
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java:838)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:810)
[2009-10-07 10:03:48.748] ERROR 000000000000 GLOBAL_SCOPE
CopyHandler.beginningFileTransfer() - error occurred while calling
fireCommFileXferBeginEvent() null
[2009-10-07 10:03:48.748] ERROR
java.lang.NullPointerException
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyHandler.fireCommFileXferBeginEvent(CopyHandler.java:303)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyHandler.beginningFileTransfer(CopyHandler.java:807)
at
com.sterlingcommerce.cd.oemglue.GISFileSystem.fileXferBeginning(GISFileSystem.java:370)
at com.sterlingcommerce.cd.cdjava.ACdCopier.sendData(ACdCopier.java:1204)
at com.sterlingcommerce.cd.cdjava.CdCopier.sendData(CdCopier.java:2709)
at com.sterlingcommerce.cd.cdjava.CdCopier.send(CdCopier.java:2640)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:1397)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:932)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:984)
at com.sterlingcommerce.cd.cdjava.CdPnApi.copy(CdPnApi.java:1268)
at com.sterlingcommerce.cd.oemglue.CopyStep.execute(CopyStep.java:494)
at
com.sterlingcommerce.cd.oemglue.PnodeSessionMediator.execute(PnodeSessionMediator.java:334)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.PNodeConnection.execute(PNodeConnection.java:284)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.copyTo(CDServer.java:1779)

```

```

at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.
copyTo(CDServerAdapterLittleAImpl.java:271)
  at sun.reflect.GeneratedMethodAccessor244.invoke(Unknown Source)
  at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43
)
  at java.lang.reflect.Method.invoke(Method.java:618)
  at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
  at sun.rmi.transport.Transport$1.run(Transport.java:168)
  at java.security.AccessController.doPrivileged(AccessController.java:279)
  at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
  at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
  at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java
:838)
  at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
  at java.lang.Thread.run(Thread.java:810)

```

Resolution: Filename may now specify parentheses as non-special characters in sessions with non-mainframe platforms.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Connect Direct Interop

Escalation ID: 100278

Fix ID: 203110

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX8241

Title: CKPT record is missing remote filename

Description: The new interface obtains the CKPT record from the database and returns it using the object's interface (ICdRestartTableElement). Since it is missing the getter or setter for the remote filename, this piece of CKPT info is not accessible.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 206247

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX8244

Title: NullPointerException thrown when creating an adapter from the user interface

Description: A NullPointerException is thrown when creating an adapter from the user interface. A new check was inserted into the GlobalServiceBean to determine the class of the adapter. During the creation of a new adapter, the service type is null leading to the NullPointerException.

Error Message: NullPointerException

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 206250

Severity: Critical

Type: Normal Fix

Build: 4222

Import/Export**InQuira ID: NFX6796**

Title: Business process stays active for hours with message that process has been placed in queue

Description: Business processes running the Import Service are hanging on to a thread until they get manually terminated. It was noticed that there was a concurrency of around 10 or more Business Processes that would invoke the Import Service at the same time.

Error Message:

A Thread dump will show the Business Process in this state:

```
"WFE.24133975.Thread" daemon prio=5 tid=0x0438dbe8 nid=0x6f26c runnable
[0x5b3ee000..0x5b3efc28]   at java.util.HashMap.put(HashMap.java:382)
    at
com.sterlingcommerce.woodstock.profile.ie.resource.mailbox.MailboxResource.refreshMailboxCache(MailboxResource.java:1175)
    at
com.sterlingcommerce.woodstock.profile.ie.resource.mailbox.MailboxResource.getMailboxCache(MailboxResource.java:1187)
    at
com.sterlingcommerce.woodstock.profile.ie.resource.mailbox.MailboxResource.hasMailbox(MailboxResource.java:1193)
    at
com.sterlingcommerce.woodstock.profile.ie.resource.mailbox.MailboxResource.saveMbxUserGroupPerm(MailboxResource.java:649)
    at
com.sterlingcommerce.woodstock.profile.ie.resource.mailbox.MailboxResource.importResource(MailboxResource.java:424)
```

```

    at
com.sterlingcommerce.woodstock.profile.ie.resource.mailbox.MbxMetaImporter.importRes
ources(MbxMetaImporter.java:355)
    at
com.sterlingcommerce.woodstock.profile.ie.ImportProcessor.importResource(ImportProce
ssor.java:606)
    at com.sterlingcommerce.woodstock.profile.ie.Import.finishImport(Import.java:431)
    at
com.sterlingcommerce.woodstock.services.ie.ImportServiceImpl.processData(ImportServi
ceImpl.java:187)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1641)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:616)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:348)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:278)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQue
ueListener.java:192)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:157)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:143)
    at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:3
32)
    at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecuto
r.java:494)
    at java.lang.Thread.run(Thread.java:534)

```

Resolution:

Please apply Gentrans Integration Suite, Release 4.2 Build 4222 or later.

Please apply Gentrans Integration Suite, Release 4.3 Build 4322 or later.

Workaround:

Run the business process with the Import service one at a time to prevent concurrency.

Functional Area: Import/Export

Escalation ID: 75396

Fix ID: 210804, 208658

Severity: Normal

Type: Normal Fix

Build: 4322, 4222

Index/Purge

InQuira ID: NFX7244

Title: Orphans created in DOCUMENT_LIFESPAN and CORRELATION_SET with ERROR ONLY persistence

Description: This issue boils down to missing rows in Archive_Info table when the mailbox copy happens. There is some design disconnect between workflow engine and mailbox service. The ERROR ONLY persistence level is the minimal persistence level. At this level the workflow engine will NOT insert any row into workflow tables (i.e.workflow_context, archive_info). The workflow is executed in memory. But the Mailbox service does not check the business process persistence level that it is running under and it always requires persistence. So it still generate rows in the Document_Lifespan and Correlation_Set table which become orphan.

Another problem is then created if you run `dataSweeper.sh -missingArchiveInfoSweeper.CORRELATION_SET -autocorrect`. This has the effect of creating an ARCHIVE_INFO records and then when these hit the time they will remove the CORERLATION_SET and DOCUMENT_LIEFSPAN rows. This means that you can get into a situation where the DOCUMENT actually can get removed even though the mailbox message is still there and is not set for deletion.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Index/Purge

Escalation ID: 00093398

Fix ID: 200816

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX7479

Title: Purge fails while generating documents on disk list

Description: After applying Gentran Integration Suite, Release 4.2 Build 4221 with MSSQL 2000, MSSQL 2005 or Oracle 10g, the purge process fails. When purge runs, an error occurs when it reaches the Documents On Disk portion of the purge process. When using filesystem storage, and allowing Gentran Integration Suite to generate the documents on disk list and purge them, an error is thrown in the `archive.log` during purge indicating that Gentran Integration Suite is trying to parse an element as an integer and failing. The purge process halts.

Error Message: Errors are thrown in `archive.log`. The stack traces are slightly different depending on the database driver used.

MSSQL 2000:

```
[2009-10-05 00:01:57.507] ERROR 000000000000 GLOBAL_SCOPE PURGE ERROR While
generating Document On Disk List
[2009-10-05 00:01:57.507] ERROR SQL Error Code: 17011
[2009-10-05 00:01:57.507] ERROR SQL State: null
java.sql.SQLException: Exhausted Resultset
  at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java(Compiled
Code))
  at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java(Inlined
Compiled Code))
  at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java(Inlined
Compiled Code))
  at oracle.jdbc.driver.OracleResultSetImpl.getInt(OracleResultSetImpl.java(Compiled
Code))
  at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.writeDataOnDiskIn
fo(PurgeService.java(Compiled Code))
  at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.doDocOnDisk(Purge
Service.java(Compiled Code))
  at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.doRunLoop(PurgeSe
rvice.java(Compiled Code))
  at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.distributeWork(Pu
rgeService.java:579)
  at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.processData(Purge
Service.java:488)
  at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeServiceImpl.processData(P
urgeServiceImpl.java:53)
  at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java(Compiled Code))
  at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java(Compiled Code))
  at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java(Compiled Code))
  at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java(Compiled Code))
  at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQue
eListener.java(Compiled Code))
  at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java(Compiled Code))
  at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java(Inlined Compiled Code))
```

```

at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java(C
omplied Code))
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor
.java(Compiled Code))
at java.lang.Thread.run(Thread.java(Compiled Code))

```

MSSQL2005:

```

[2009-10-28 10:28:24.727] ERROR 000000000000 GLOBAL_SCOPE PURGE ERROR While
generating Document On Disk List
java.lang.NumberFormatException: For input string: "liberty:cd2c3c:1249a8df517:1411"
at java.lang.NumberFormatException.forInputString(NumberFormatException.java:48)
at java.lang.Integer.parseInt(Integer.java:468)
at java.lang.Integer.valueOf(Integer.java:574)
at com.microsoft.sqlserver.jdbc.DDC.convertStringToObject(Unknown Source)
at com.microsoft.sqlserver.jdbc.ServerDTVImpl.getValue(Unknown Source)
at com.microsoft.sqlserver.jdbc.DTV.getInt(Unknown Source)
at com.microsoft.sqlserver.jdbc.Column.getInt(Unknown Source)
at com.microsoft.sqlserver.jdbc.SQLServerResultSet.getInt(Unknown Source)
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.writeDataOnDiskIn
fo(PurgeService.java:1128)
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.doDocOnDisk(Purge
Service.java:941)
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.doRunLoop(PurgeSe
rvice.java:657)
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.distributeWork(Pu
rgeService.java:579)
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.processData(Purge
Service.java:488)
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeServiceImpl.processData(P
urgeServiceImpl.java:53)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1641)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:616)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:348)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:278)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQue
eListener.java:192)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:157)

```



```

at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:143)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:332)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:519)
at java.lang.Thread.run(Thread.java:534)

```

Oracle:

```

[2009-10-05 00:01:57.507] ERROR 000000000000 GLOBAL_SCOPE PURGE ERROR While
generating Document On Disk List
[2009-10-05 00:01:57.507] ERROR SQL Error Code: 17011
[2009-10-05 00:01:57.507] ERROR SQL State: null
java.sql.SQLException: Exhausted Resultset
at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java(Compiled Code))
at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java(Inlined Compiled Code))
at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java(Inlined Compiled Code))
at oracle.jdbc.driver.OracleResultSetImpl.getInt(OracleResultSetImpl.java(Compiled Code))
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.writeDataOnDiskIn fo(PurgeService.java(Compiled Code))
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.doDocOnDisk(Purge Service.java(Compiled Code))
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.doRunLoop(PurgeSe rvice.java(Compiled Code))
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.distributeWork(Pu rgeService.java:579)
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.processData(Purge Service.java:488)
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeServiceImpl.processData(P urgeServiceImpl.java:53)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS ervice(ActivityEngineHelper.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai nLogic(ActivityEngineHelper.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac tivityEngineHelper.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ ueueListener.java(Compiled Code))

```

```

at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java(Inlined Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java(Compiled Code))
at java.lang.Thread.run(Thread.java(Compiled Code))

```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Index/Purge

Escalation ID: QC

Fix ID: 204758

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX7722

Title: SOA_MessageHandler running in 'Sync' mode creates entries in CORRELATION_SET that do not get purged out

Description: If SOA_MessageHandler is changed to be run in 'Sync' mode, as recommended in NFX3275, every execution of this business process creates several rows in CORRELATION_SET, DOCUMENT, DOCUMENT_EXTENSION, AND DATA_TABLE that do not have a workflow id associated and therefore do not get purged out.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Please apply Sterling Integrator, Release 5.0 Build 5004 or later.

Workaround for Gentran Integration Suite 4.3 customers only:

The addition of the below SQL to customer_overrides.properties, followed by a restart Gentran Integration Suite, will allow Gentran Integration Suite to remove the existing, along with any future, WF_ID = 0 rows in CORRELATION_SET. It is advisable, to make this update during a maintenance window/low traffic period since the existing WF_ID=0 rows in the Gentran Integration Suite database will all purge during the first run.

```

jdbcService.query.getUnassociatedDocsWithDocLifespan.oracle=SELECT distinct
D.DOC_ID, D.BODY FROM DOCUMENT D, DOCUMENT_LIFESPAN DL

```

```

WHERE D.DOC_ID = DL.DOC_ID(+) and not exists (select * from document_lifespan dl2
where dl2.doc_id = d.doc_id and (dl2.workflow_id > 0 or (D.CREATE_TIME +
(DL2.LIFE_SPAN / 1440)) >= SYSDATE)) AND D.WORKFLOW_ID <= 0 and
((D.CREATE_TIME + (DL.LIFE_SPAN / 1440)) < SYSDATE OR dl.DOC_ID IS NULL)
jdbcService.query.UPDATE_DOCUMENT_SQL=UPDATE DOCUMENT SET
WORKFLOW_ID = ? WHERE DOC_ID = ? AND WORKFLOW_ID <= 0
jdbcService.query.UPDATE_DOC_EXT_SQL=UPDATE DOCUMENT_EXTENSION SET
WF_ID = ? WHERE DOC_ID = ? AND WF_ID <= 0
jdbcService.query.UPDATE_DATA_TABLE_SQL=UPDATE DATA_TABLE SET WF_ID =
? WHERE DATA_ID = ? AND WF_ID <= 0
jdbcService.query.UPDATE_DOC_LIFESPAN_SQL=UPDATE DOCUMENT_LIFESPAN
SET WORKFLOW_ID = ? WHERE DOC_ID = ? AND WORKFLOW_ID <= 0
jdbcService.query.UPDATE_DOC_CLONE_SQL=UPDATE DOCUMENT_CLONE SET
WORKFLOW_ID = ? WHERE DOC_ID = ? AND WORKFLOW_ID <= 0

```

Functional Area: Index/Purge

Escalation ID: 113976

Fix ID: 206576, 208090, 208091

Severity: Critical

Type: Normal Fix

Build: 4222, 4322, 5004

InQuira ID: NFX8286

Title: DOCUMENT's associated to associateBPsToDoc could get the wrong lifespan

Description: Lifespan for the failed SFTP is 93 days which is defined in `visibility.property` `dataflow_lifespan=93`. When `associateBPsToDoc` runs it attaches a `wf_id` for all the docs but the `life_span` for this one failed DOCUMENT is still at 93 days and therefore when `associateBPsToDoc` indexes it see's this `LIFE_SPAN` and sets this `associateBPsToDoc` to 93 days instead of the two days which is the default for this business process.

Error Message: No error message. You will just see that some documents stay in Gentran Integration Suite too long and these can be tracked to `associateBPsToDoc`.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Index/Purge

Escalation ID: 00081760

Fix ID: 201145

Severity: Normal

Type: Normal Fix

Build: 4222

Mailbox

InQuira ID: NFX6772

Title: Mailbox user permission error in MBIRollBackExtract business process

Description: When a mailbox user logs into the MBI, searches for a file, clicks **Extract** on that file and then cancels the extraction in Gentran Integration Suite, the MBIRollBackExtract business process shows a Mailbox User Permission error.

Error Message:

```
ERROR MailboxQueryService - Caught exception of type  
[com.sterlingcommerce.woodstock.mailbox.repository.InsufficientMailboxPermissionExce  
ption], with message [No mailbox path specified and user: [user name] does not have  
MailboxGlobalQuery permission.]
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Mailbox

Escalation ID: 79531

Fix ID: 196386

Severity: Normal

Type: Normal Fix

Build: 4222

Map Editor

InQuira ID: NFX6887

Title: The Map Editor should throw a warning if field length value exceeds the current supported length

Description: The user wants to define the length of a String field in a Record in the Map Editor. The user wants the field length to be 999999. This is not currently supported in the Map Editor. The current maximum length of a field is 64k. When a number greater than 64k (65535 bytes) is entered for the field length, it is truncated to 16-bit. For example, if a field length of 99999 is entered it will change to 34463, the low 16 bits of 99999. However, no warning or error is thrown in the Map Editor to make the user aware of this restriction. So when the value 999999 is entered on the Validation screen 'in the background' this is changed by the mapper to be 16959.

Error Message: No error message.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Functional Area: Map Editor

Escalation ID: 83941

Fix ID: 200578, 197844

Severity: Normal

Type: Normal Fix

Build: 4322, 4222

InQuira ID: NFX8289

Title: Incorrect output when translating large XML to XML files

Description: Incorrect output when translating large XML to XML files. Mandatory tags are missing, without throwing an error. Child elements are under the wrong parents.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

After installing the patch, download and reinstall the Map Editor.

Functional Area: Map Editor

Escalation ID: 29349

Fix ID: 191837

Severity: Normal

Type: Normal Fix

Build: 4222

Performance

InQuira ID: NFX8294

Title: Slow performance when extracting 10,000 messages from a mailbox and merging into one document

Description: When running a business process that does a Mailbox Query for all extractable messages in a mailbox, looping through the MessageIds, incrementing a counter, releasing the MessageId, and looping back to get the next MessageId in the list takes 4 hours or longer to process the business process.

Error Message: No error message.

Resolution: A new parameter called MaxMessagePerProcess was added in the mailbox.properties file. The value of this parameter was set to limit the number of messages picked up from a mailbox routing rule to increase processing time. The default value is -1 which means to pickup all messages.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Performance

Escalation ID: 59760

Fix ID: 200389

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX8257

Title: OutOfMemory error after sudden increase in memory usage in Gentran Integration Suite 2 node cluster

Description: Users experience periodic OutOfMemory errors after increasing load on their two node Gentran Integration Suite cluster. After analyzing the garbage collection logs, it was noted that there was a large sudden increase in memory (1.2 GB to be exact) and then Gentran Integration Suite would start throwing OutOfMemory errors to the point that it needed to be restarted.

Error Message:

In noapp.log.D*

```
[2009-11-19 17:20:45.186] ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError
[2009-11-19 17:20:45.187] ALL 000000000000 GLOBAL_SCOPE
[2009-11-19 17:20:45.187] ALL 000000000000 GLOBAL_SCOPE
at
com.sterlingcommerce.woodstock.workflow.queue.DiskCache.readData(DiskCache.java(Compiled Code))
[2009-11-19 17:20:45.187] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.DiskCache.get(DiskCache.java(Compiled Code))
[2009-11-19 17:20:45.187] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.wfContextCache.get(wfContextCache.java(Compiled Code))
[2009-11-19 17:20:45.187] ALL 000000000000 GLOBAL_SCOPE
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.getWFC(wfTransporter.java(Compiled Code))
[2009-11-19 17:20:45.187] ALL 000000000000 GLOBAL_SCOPE
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueSender.send(WorkFlowQueueSender.java(Compiled Code))
[2009-11-19 17:20:45.187] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueSender.send(WorkFlowQueueSender.java(Compiled Code))
[2009-11-19 17:20:45.187] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.BasicReschedulingThread.processRescheduledTransporters(BasicReschedulingThread.java(Compiled Code))
[2009-11-19 17:20:45.187] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.ReverseQueueWalker.run(ReverseQueueWalker.java(Compiled Code))
[2009-11-19 17:20:45.187] ALL 000000000000 GLOBAL_SCOPE myTransporter is null while pulling it from IDQueue. check log
[2009-11-19 17:20:45.187] ALL 000000000000 GLOBAL_SCOPE Exception caught in finally
[2009-11-19 17:20:45.233] ALL 000000000000 GLOBAL_SCOPE Inside the sendflag
[2009-11-19 17:20:45.234] ALL 000000000000 GLOBAL_SCOPE
java.lang.NullPointerException
[2009-11-19 17:20:45.234] ALL 000000000000 GLOBAL_SCOPE
[2009-11-19 17:20:45.234] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.SoftCache.get(SoftCache.java(Compiled Code))
```

```
[2009-11-19 17:20:45.234] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.wfContextCache.get(wfContextCache.java
(Compiled Code))
[2009-11-19 17:20:45.234] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.getWFC(wfTransporter.jav
a(Compiled Code))
[2009-11-19 17:20:45.235] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueSender.send(WorkFlowQueue
Sender.java(Compiled Code))
[2009-11-19 17:20:45.235] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.BasicReschedulingThread.processResched
uledTransporters(BasicReschedulingThread.java(Compiled Code))
[2009-11-19 17:20:45.235] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.ReverseQueueWalker.run(ReverseQueueWal
ker.java(Compiled Code))
[2009-11-19 17:21:40.843] ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Performance

Escalation ID: 117576

Fix ID: 206374

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX8284

Title: MergeDocument Service causes OutOfMemory (OOM)

Description: MergeDocument service will cause an Out of Memory situation when trying to merge two large documents. This was caused as it tries to put both the documents in the memory to start the merge process.

Error Message: A java OutOfMemoryException is thrown to Gentran Integration Suite logs, usually noapp log.

Resolution: MergeDocument Service is now modified to use streaming so that it can handle large documents without throwing OOMs.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Performance

Escalation ID: 00079621

Fix ID: 199663

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX5401

Title: Business process processing changes persistence mid processing in Gentran Integration Suite 4.2

Description: User experienced slowdowns of Gentran Integration Suite. It was identified that when persistence is set at the system level to PERSISTENCE_OVERRIDE_MINIMAL the persistence changes all of a sudden to FULL persistence when a business process reaches a SYNC call to another business process.

Error Message: No error message; just slower processing due to full persistence.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Performance

Escalation ID: 26665

Fix ID: 182314

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX6461

Title: Out of Memory error and Gentran Integration Suite system unresponsiveness in Gentran Integration Suite, Release 4.2 Build 4220, two-node cluster

Description: Gentran Integration Suite becomes non responsive and produces an OutOfMemory error in the logs. Garbage collection shows heap fragmentation which means that the heap has not reached its full capacity. However, OutOfMemory errors are being thrown to the Gentran Integration Suite logs. This usually happens when a process is requesting a large chunk of contiguous amount of memory.

Error Message:

```
noapp.log.D*
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
java.io.ByteArrayOutputStream.write(ByteArrayOutputStream.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.util.frame.jdbc.IJDBCVarData.decompress(IJDBCVarData.
java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.util.frame.jdbc.IJDBCVarData.rebuildBlob(IJDBCVarData
.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.util.frame.jdbc.IJDBCVarData.selectBlob(IJDBCVarData.
java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.util.frame.jdbc.IJDBCVarData.getBlob(IJDBCVarData.jav
a(Inlined Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.util.frame.jdbc.IJDBCVarData.getBlob(IJDBCVarData.jav
a(Inlined Compiled Code))
```



```

[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.util.frame.jdbc.IJDBCVarData.getBlob(IJDBCVarData.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.util.frame.jdbc.JDBCService.getBlob(JDBCService.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.Document.getBody(Document.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.Document.<init>(Document.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.Document.<init>(Document.java(Inlined Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.Document.clone(Document.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.copyContentAndDocs(WorkFlowContext.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.services.invokeWorkFlow.InvokeWorkFlowService.setWFContent(InvokeWorkFlowService.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.services.invokeWorkFlow.InvokeWorkFlowService.processData(InvokeWorkFlowService.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java(Compiled Code))
[2009-08-25 00:47:49.176] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java(Compiled Code))
[2009-08-25 00:47:49.177] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java(Compiled Code))
[2009-08-25 00:47:49.177] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java(Compiled Code))
[2009-08-25 00:47:49.177] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java(Compiled Code))
[2009-08-25 00:47:49.177] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java(Compiled Code))
[2009-08-25 00:47:49.177] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java(Inlined Compiled Code))
[2009-08-25 00:47:49.177] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.w

```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Performance

Escalation ID: 61283

Fix ID: 201620

Severity: Critical

Type: Normal Fix

Build: 4222

Perimeter Services

InQuira ID: NFX8256

Title: OutOfMemory errors and need to restart Gentran Integration Suite on a regular basis in Gentran Integration Suite, Release 4.2 Build 4209 four-node cluster on Windows

Description: A steady heap utilization increase is noticed causing OutOfMemory errors after increasing load to the four Gentran Integration Suite nodes.

Error Message: Garbage collection logs are showing a steady increase in memory and concurrent GC cycles after 4 days of running Gentran Integration Suite without a restart. Eventually, the customer experiences an OutOfMemory error.

In order to diagnose this issue, it was necessary to obtain a heap dump every day prior to the OutOfMemory error and on the day of the error in order to diagnose this issue.

The main error should be noticed in the ftpclient.log like:

```
[2009-09-03 13:41:07.346]
ERROR <HAR.78768926.Thread> 000000000000 GLOBAL_SCOPE FTPClientBeginSession
java.rmi.ServerError: Error occurred in server thread; nested exception is:
    java.lang.OutOfMemoryError
        at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:289)
        at sun.rmi.transport.Transport$1.run(Transport.java:148)
        at java.security.AccessController.doPrivileged(Native Method)
        at sun.rmi.transport.Transport.serviceCall(Transport.java:144)
        at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:460)
        at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:701)
at java.lang.Thread.run(Thread.java:534)
    at
sun.rmi.transport.StreamRemoteCall.exceptionReceivedFromServer(StreamRemoteCall.java
:247)
    at sun.rmi.transport.StreamRemoteCall.executeCall(StreamRemoteCall.java:223)
    at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:133)
    at
com.sterlingcommerce.woodstock.services.psftpclient.FtpClientAdapterImpl_Stub.beginS
ession(FtpClientAdapterImpl_Stub.java:146)
    at
com.sterlingcommerce.woodstock.services.psftpclient.FtpBeginSessionService.primitive
ProcessData(FtpBeginSessionService.java:68)
    at
com.sterlingcommerce.woodstock.services.psftpclient.FtpService.processData(FtpServic
e.java:81)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1624)
```

```

    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:602)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:348)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:278)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:192)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:157)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:143)
    at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:332)
    at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:519)
    at java.lang.Thread.run(Thread.java:534)
Caused by: java.lang.OutOfMemoryError

```

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Perimeter Services

Escalation ID: 112505

Fix ID: 205137

Severity: Normal

Type: Normal Fix

Build: 4222

Platform

InQuira ID: NFX4292

Title: Sporadic OutOfMemory error occurs on Gentrans Integration Suite cluster node

Description: OutOfMemory occurs after several days of uptime in AIX OS cluster system only. Error is not directly related to a specific business process or system adapter.

Scheduled weekly restart of cluster node can be used as a work-around to avoid error.

Error Message: OutOfMemory errors are shown in the Gentrans Integration Suite logs. Java heap dumps are created. Verbose garbage collection logs show that heap has sufficient memory available for allocation, which indicates memory fragmentation. There are a large concentration of

com/sterlingcommerce/woodstock/workflow/queue/Node\$WFCListener\$WFClientHandle
r objects in the heap dump.

Resolution:

Please apply Gentran Integration Suite, Release 4.1.1 Build 1990 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

This specific fix only addresses a specific OutOfMemory error which only occurs on AIX systems running a Gentran Integration Suite cluster.

Functional Area: Platform

Escalation ID: 1370953

Fix ID: 166408, 172873

Severity: Normal

Type: Normal Fix

Build: 1990, 4222

Scheduling

InQuira ID: NFX8263

Title: Schedule_BPLinkagePurgeService business process does not utilize a locking service

Description: The Schedule_BPLinkagePurgeService is a business process that does not currently utilize a locking service. The locking service will eliminate the possibility of the business process being run simultaneously.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Scheduling

Escalation ID: 93594

Fix ID: 200895

Severity: Normal

Type: Normal Fix

Build: 4222

Security/Encryption

InQuira ID: NFX8138

Title: Certicom jar libraries upgraded to resolve security issues

Description: Certicom sslplus jars were upgraded to Version 4.3.7.5.5 in Gentran Integration Suite, Release 4.2 Build 4222.

Error Message: No error message.

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Security/Encryption

Escalation ID: QC

Fix ID: 208242, 211545

Severity: Normal

Type: Normal Fix

Build: 4322, 4222

InQuira ID: NFX8254

Title: Possible data artifacts created when adding a new license file

Description: When using the AddLicenseSet script to install a new license file, the execution of the script may result in small numbers of data artifacts in the Gentran Integration Suite database.

Note: The new license files do not expire as frequently, which will help reduce the occurrence of these artifacts.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Security/Encryption

Escalation ID: 1371440

Fix ID: 168458

Severity: Normal

Type: Normal Fix

Build: 4222

Service and Adapter

InQuira ID: NFX6973

Title: Outbound SFTP business processes hang in WaitingOnIO state on the SFTP Client Begin Session step

Description: Outbound SFTP business processes hang in WaitingOnIO state on the SFTP Client Begin Session step. From the user interface, it looks like the SFTP Client Begin Session service completed successfully but the business process does not move on to the next step SFTP Client Put or Copy and it hangs in the WaitingOnIO state until it is manually terminated. This is using up threads in Gentran Integration Suite which eventually leads to business processes being backed up in the queue.

Error Message:

```
DU.oswego.cs.dl.util.concurrent.TimeoutException
```

```

    at EDU.oswego.cs.dl.util.concurrent.FutureResult.timedGet(FutureResult.java:128)
    at
com.sterlingcommerce.woodstock.services.sftpclient.services.Response.waitForResults(
Response.java:107)
    at
com.sterlingcommerce.woodstock.services.sftpclient.client.Client.beginSession(Client
.java:286)
    at
com.sterlingcommerce.woodstock.services.sftpclient.AdapterImpl.beginSession(AdapterI
mpl.java:191)
    at sun.reflect.GeneratedMethodAccessor164.invoke(Unknown Source)
    at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25
)
    at java.lang.reflect.Method.invoke(Method.java:324)
    at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:261)
    at sun.rmi.transport.Transport$1.run(Transport.java:148)
    at java.security.AccessController.doPrivileged(Native Method)
    at sun.rmi.transport.Transport.serviceCall(Transport.java:144)
    at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:460)
    at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:701)
    at java.lang.Thread.run(Thread.java:534)

```

Resolution:

Please apply Gentrans Integration Suite, Release 4.2 Build 4222 or later.

Please apply Gentrans Integration Suite, Release 4.3 Build 4322 or later.

Please apply Sterling Integrator, Release 5.0 Build 5003 or later.

Functional Area: Service and Adapter

Escalation ID: 37990

Fix ID: 196618, 196621, 196617

Severity: Critical

Type: Normal Fix

Build: 4322, 5003, 4222

InQuira ID: NFX7115

Title: Mail Mime Service does not form the correct MIME document

Description: Mail Mime Service does not form the correct MIME document when the documents in process data are not identified by unique node name.

For example, the following is the part of process data:

```

<Attachment>
  <Report SCIOBJECTID="wsdeap10:82c01f:122f4ba876e:6916
<javascript:openInfoWin(' ./Page?next=page.showdatadoc&name=Report&bpid=2628360&servi
ce=InvokeBusinessProcessService&docType=process_data&key=wsdeap10:82c01f:122f4ba876e
:6916&122713573&where=live&bpdName=',%20')>"/>
  <Report SCIOBJECTID="wsdeap10:82c01f:122f4ba876e:6a55

```

```
<javascript:openInfoWin( './Page?next=page.showdatadoc&name=Report&bpid=2628360&service=InvokeBusinessProcessService&docType=process_data&key=wsdeap10:82c01f:122f4ba876e:6a55&1505338863&where=live&bpdName=',%20')>/>
</Attachment>
```

The Mail Mime Service forms the MIME document which has the first document repeating twice.

But if the process data is formed as below:

```
<Attachment>
  <Report1 SCIOBJECTID="wsdeap10:82c01f:122f4ba876e:6916
<javascript:openInfoWin( './Page?next=page.showdatadoc&name=Report&bpid=2628360&service=InvokeBusinessProcessService&docType=process_data&key=wsdeap10:82c01f:122f4ba876e:6916&122713573&where=live&bpdName=',%20')>/>
  <Report2 SCIOBJECTID="wsdeap10:82c01f:122f4ba876e:6a55
<javascript:openInfoWin( './Page?next=page.showdatadoc&name=Report&bpid=2628360&service=InvokeBusinessProcessService&docType=process_data&key=wsdeap10:82c01f:122f4ba876e:6a55&1505338863&where=live&bpdName=',%20')>/>
</Attachment>
```

Then, the Mail Mime Service forms the correct MIME document (the two unique documents will be attachments).

Error Message: No error message.

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Service and Adapter

Escalation ID: 00069213

Fix ID: 202219, 196028

Severity: Normal

Type: Normal Fix

Build: 4322, 4222

InQuira ID: NFX7183

Title: Data loss during FTP Get after recovering from a disk full situation

Description: While executing a business process during FTP Get operation, if the size of the file you are fetching is more than the disk space available, the status of the business process will be Waiting on IO. After freeing up the disk space, the transfer of the file resumes and even though the business process is successful, the file is not completely transferred.

Error Message: No error message.

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4321 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Service and Adapter

Escalation ID: QC

Fix ID: 200243, 200807

Severity: Critical

Type: Core Change

Build: 4321, 4222

InQuira ID: NFX7296

Title: FTP Client Begin Session takes two minutes to error for invalid host name

Description: If an invalid host name is provided to the FTP Client Begin Session service, an error is immediately thrown in the logs for an `UnknownHostException`. However, the Begin Session service continues to run for two more minutes before a `WFCNotFoundException` is thrown and the step fails.

For business processes that automatically retry, this can cause the business process to hold a thread for an unreasonable period of time.

Error Message:

```
[2009-10-07 09:58:00.124] ERROR <798371734> 000000000000 GLOBAL_SCOPE
FtpDmiVisibilityContext.FtpDmiVisibilityContext(S) encountered
UnknownHostException:
java.net.UnknownHostException: ftptest: ftptest
at java.net.InetAddress.getAllByName0(InetAddress.java:1163)
at java.net.InetAddress.getAllByName0(InetAddress.java:1133)
at java.net.InetAddress.getAllByName(InetAddress.java:1096)
at java.net.InetAddress.getByName(InetAddress.java:993)
at
com.sterlingcommerce.woodstock.services.psftpclient.client.FtpDmiVisibilityContext.<
init>(FtpDmiVisibilityContext.java:94)
at
com.sterlingcommerce.woodstock.services.psftpclient.client.ServiceSession.start(Serv
iceSession.java:140)
at
com.sterlingcommerce.woodstock.services.psftpclient.client.FtpClient.beginSession(Ft
pClient.java:288)
at
com.sterlingcommerce.woodstock.services.psftpclient.FtpClientAdapterImpl.beginSessio
n(FtpClientAdapterImpl.java:184)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:64)
at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43
)
at java.lang.reflect.Method.invoke(Method.java:615)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:275)
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java
:838)
at
```



```
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:801).
[2009-10-07 09:58:00.17] DEBUG <798371734 LowSM
SFTPClientAdapter_FTIClientAdapter_node1_12549238800881013:339> 000000000000
GLOBAL_SCOPE FtpResponse.saveTranscriptDoc transcript is
[2009-10-07 09:58:00.17] DEBUG <798371734 LowSM
SFTPClientAdapter_FTIClientAdapter_node1_12549238800881013:339>
000000000000 GLOBAL_SCOPE FtpResponse.saveTranscriptDoc exiting
[2009-10-07 09:58:30.101] DEBUG <FTP-Client-Scheduler> 000000000000
GLOBAL_SCOPE TimeoutHandler.run() - timeout hit, but response already received.
Ignoring...
[2009-10-07 10:00:03.548] ERROR <798371734 LowSM
SFTPClientAdapter_FTIClientAdapter_node1_12549238800881013:339>
000000000000 GLOBAL_SCOPE resumeWorkFlow
com.sterlingcommerce.woodstock.workflow.WFCNotFoundException:
WFC(upslapp5:node1:12401689175:360889) was Not Found
at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.read(WorkFlowContext.java:35
74)
at com.sterlingcommerce.woodstock.workflow.engine.WEHelper.read(WEHelper.java:618)
at
com.sterlingcommerce.woodstock.workflow.engine.WorkFlowEngineRMIIImpl.continueDispatc
h(WorkFlowEngineRMIIImpl.java:1343)
at
com.sterlingcommerce.woodstock.workflow.InitialWorkFlowContext.continueWorkFlow(Init
ialWorkFlowContext.java:1522)
at
com.sterlingcommerce.woodstock.services.psftpclient.FtpResponse.resumeWorkFlow(FtpRe
sponse.java:187)
at
com.sterlingcommerce.woodstock.services.psftpclient.FtpResponse.sendResults(FtpRespo
nse.java:158)
at
com.sterlingcommerce.woodstock.services.psftpclient.client.ServiceSession.freeSessio
n(ServiceSession.java:497)
at
com.sterlingcommerce.woodstock.services.psftpclient.client.ServiceSession.failedSequ
ence(ServiceSession.java:438)
at
com.sterlingcommerce.woodstock.services.psftpclient.client.ServiceSession.update(Ser
viceSession.java:244)
at
com.sterlingcommerce.woodstock.services.psclientcommon.Session.notifyObservers(Sessi
on.java:179)
at
com.sterlingcommerce.woodstock.services.psftpclient.client.FtpCommand.handleCONTROL_
CONNECTCommand(FtpCommand.java:449)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:64)
at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43
)
at java.lang.reflect.Method.invoke(Method.java:615)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:275)
```

```
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java
:838)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:801)
[2009-10-07 10:00:03.548] DEBUG <798371734 LowSM
SFTPClientAdapter_FTPClientAdapter_node1_12549238800881013:339> 000000000000
GLOBAL_SCOPE FtpResponse.resumeWorkFlow exit.
```

Resolution: Please apply Gentran Integration Suite 4.2 Build 4222 or higher.

Functional Area: Service and Adapter

Escalation ID: 95386

Fix ID: 203109

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX8245

Title: FSA is getting executed differently when the parameter Start a business process once files are collected? is yes or no

Description: FSA is getting executed differently when the parameter Start a business process once files are collected? is yes/no and there are no files to collect in the collection folder.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Service and Adapter

Escalation ID: QC

Fix ID: 185571

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX5257

Title: OverdueAckCheck intermittently fails with NullPointerException

Description: OverdueAckCheck intermittently fails with NullPointerException.

Error Message:

```
[2009-02-24 11:34:43.11] ERROR 000110070158
WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting to execute
service OverdueAck
java.lang.NullPointerException
at
com.sterlingcommerce.woodstock.services.edi.overdueack.OverdueAckServiceImpl.setGroupOverdueAckByCorrelation(OverdueAckServiceImpl.java:235)
at
com.sterlingcommerce.woodstock.services.edi.overdueack.OverdueAckServiceImpl.setOverdueAckByCorrelation(OverdueAckServiceImpl.java:191)
at
com.sterlingcommerce.woodstock.services.edi.overdueack.OverdueAckServiceImpl.processData(OverdueAckServiceImpl.java:126)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1690)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:565)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:338)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:326)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:202)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:163)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:149)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:331)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:517)
at java.lang.Thread.run(Thread.java:595)
```

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4319 or later.

Please apply Sterling Integrator Release 5.0 Patch 5002 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Standards

Escalation ID: 26155, 104492

Fix ID: 181485, 182982, 203629

Severity: Normal

Type: Normal Fix

Build: 4319, 5002, 4222

Translator

InQuira ID: NFX3874

Title: 123 Data Conversion Error on packed field defined as P2 and greater

Description: Input field defined as P2, P3, P4, P5, etc. in Gentran Integration Suite, Release 4.3 contain NULLS (hex 00).

Error Message: Code: 123 Data Conversion Error - only occurs if Input field is defined as P2, P3, P4, P5, etc. If field is defined as P0 or P1 no errors occur

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4316 or later.

Please apply Sterling Integrator, Release 5.0 Build 5001 or later.

After the patch has been applied, please download and reinstall the Map Editor.

Functional Area: Translator

Escalation ID: 1371235, 123830

Fix ID: 171335, 177577, 207905

Severity: Normal

Type: Normal Fix

Build: 4222, 4316, 5001

InQuira ID: NFX8293

Title: java.lang.NullPointerException error when the JDBC pool is not defined, and exhaust input is set to yes

Description: java.lang.NullPointerException error when the JDBC pool is not defined, and exhaust input is set to yes. If exhaust input is set to yes, the translation service errors with Interrupted_man, and no translator report. The status report shows java.lang.NullPointerException. If exhaust input is set to no, the translation service errors with halted, and the translator report gives the following error:

Report Entry:

Section: INPUT Severity: ERROR

SyntaxSpecific: false Syntax: -1 Code: 700 Data Source Open Error
Info:
10701: Data Source Pool
Gentran Standards
10006: Exception
Invalid pool name 'Pool_Name' while getting a database connection. Please check for consistency of the properties files or BPML

Error Message: java.lang.NullPointerException

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Translator

Escalation ID: 99777

Fix ID: 202349

Severity: Normal

Type: Normal Fix

Build: 4222

User Interface

InQuira ID: NFX8164

Title: Online Help for documentation must be updated

Description: As part of a security fix, the Online Help for documentation must be updated.

Error Message: No error message.

Resolution: The Online Help for documentation has been updated.

Please apply Gentran Integration Suite, Release 4.3 Build 4322 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: User Interface

Escalation ID: QC

Fix ID: 208380, 212034

Severity: Normal

Type: Normal Fix

Build: 4322, 4222

WebServices

InQuira ID: NFX7071

Title: FaultString value populated in SOAPFaultService is not displayed

Description: SOAPFaultService which is used to raise a fault has an area to specify fault actor, fault code, fault string, and fault type. Though these values are populated in the service configuration in Graphical Process Modeler, the values populated faultString value is not used. Instead, it uses only generic SOAP fault string.

Error Message: No error message.

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: WebServices

Escalation ID: 00079524

Fix ID: 200786

Severity: Normal

Type: Normal Fix

Build: 4222

Workflow Engine

InQuira ID: NFX7417

Title: ControllerWorkFlow script may not terminate Business Processes in Interrupted_Man state

Description: When attempting to use the ControllerWorkFlow script with the flags to terminate a business process in the Interrupted_Man state, the script will appear to complete successfully, but none of the processes will actually be terminated. This does not appear to affect terminating the processes from the user interface, only when using the ControllerWorkFlow script.

Error Message: No error message.

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Workflow Engine

Escalation ID: 98360

Fix ID: 203652

Severity: Normal

Type: Normal Fix

Build: 4222

InQuira ID: NFX8386

Title: Document encryption has problems on a border condition

Description: Document encryption has problems on a border condition where a document has been created with encryption off, then appended to with encryption on.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4222 or later.

Functional Area: Workflow Engine

Escalation ID: QC

Fix ID: 207235

Severity: Normal

Type: Normal Fix

Build: 4222

Critical Patch Notification for 4221

This is a Sterling Commerce Service Advisory for Gentran Integration Suite customers.

Gentran Integration Suite 4.2, Build 4221

Please be advised that an updated 4221 hotfix (si_engine_4221_BR99999_204266.jar) is now available on Support Center. This hotfix replaces the previous 4221 patch (si_engine_4221.jar).

- ◆ If you are a customer running 4221 in production with DB2 or MS SQL Server, you must apply this 4221 hotfix image immediately after testing so you do not experience any production issues. This applies even to those customers who originally implemented the SQL manual fix for Knowledge Base #NFX7559 for the jdbc_purge.property file. Sterling Commerce has identified an additional code issue that is fixed with this hotfix which does not have a manual fix option and is critical for customers using DB2 and MS SQL Server in nature (see Knowledge Base# NFX7560).
- ◆ If you are a customer running 4221 in production today on Oracle or mySQL, we recommend you apply the manual fix documented below or apply the hotfix for Knowledge Base #NFX7559 immediately after testing to ensure your GIS system continues to purge correctly so you do not experience any production issues.
- ◆ If you are a customer who downloaded the 4221 image and have NOT installed the image on any of your GIS environments, please remove the si_engine_4221.jar image and install the si_engine_4221_BR99999_204266.jar hotfix image instead.
- ◆ Reminder: If you already have a 4221 hotfix installed on your environment, please contact your local Sterling Commerce Customer Support immediately to receive a special image. If you apply this generic 4221 hotfix to your environment you will lose any other special hotfixes that Sterling Commerce has delivered for only you.

Summary of Fixes Contained in the 4221 Hotfix

Note: 4221 Patch Information document has been updated with additional information and is available on Support Center.

Knowledge Base: NFX7559

Title: Issue with the runtime Purge Service in Gentran Integration Suite 4.2

Description: An issue has been discovered with the runtime Purge Service in Gentran Integration Suite 4.2 in patch 4221 (si_engine_4221.jar) which causes the PURGE service to malfunction and leads to a growth in database and file system sizes. This may lead to production down situations over time. This issue applies to customers who have changed the system level storage or any Business Process level document storage from the default (database storage) to file system storage/docs on disk. It also affects FTP users since the GIS FTP solution uses file system/docs on disk storage by default. If you are a GIS 4.2 customer who has installed 4221 and have questions concerning the Manual Fix below, please contact your local Sterling Commerce Customer Support. For information about the action required and fix availability, please see instructions below.

Symptom: The PURGE service on your GIS 4221 environment fails and does not complete successfully. You may also notice that the GIS database and/or file system grow over time due to the purge failing in your GIS 4221 environment.

Resolution: Apply 4221 hotfix or apply the manual fix documented below:

1. Stop the GIS instance.
2. Manually create a backup of the <install_dir>/properties/jdbc_purge.properties file.
3. Edit the jdbc_purge.properties file with the following changes:

Identify the following query:

```
query.purge_documentSelect2=SELECT
DC.DOC_ID,D.DOC_ID,AI.WF_ID,D.WORKFLOW_ID,AI.ARCHIVE_FLAG FROM
DOCUMENT_CLONE DC, DOCUMENT D LEFT OUTER JOIN ARCHIVE_INFO AI ON
AI.GROUP_ID = 2 AND D.WORKFLOW_ID = AI.WF_ID AND (AI.ARCHIVE_FLAG IN (1,2)
AND AI.ARCHIVE_DATE >= ? OR AI.ARCHIVE_FLAG NOT IN (1,2)) WHERE
DC.ORIG_DOC_ID = ? AND DC.DOC_ID = D.DOC_ID AND ((AI.WF_ID IS NOT NULL AND
D.WORKFLOW_ID > 0) OR (D.WORKFLOW_ID <= 0))
```

Change the words highlighted in italics above to the value highlighted in italics below:

```
query.purge_documentSelect2=SELECT COUNT(*) FROM DOCUMENT_CLONE DC,
DOCUMENT D LEFT OUTER JOIN ARCHIVE_INFO AI ON (AI.GROUP_ID = 2 AND
D.WORKFLOW_ID = AI.WF_ID AND (AI.ARCHIVE_FLAG IN (1,2) AND
AI.ARCHIVE_DATE >= ? OR AI.ARCHIVE_FLAG NOT IN (1,2)) WHERE
DC.ORIG_DOC_ID = ? AND DC.DOC_ID = D.DOC_ID AND ((AI.WF_ID IS NOT NULL AND
D.WORKFLOW_ID > 0) OR
(D.WORKFLOW_ID <= 0))
```

4. Run <installdir>/bin/setupfiles.sh[cmd]
5. Restart your GIS instance.

Please continue to monitor your system to ensure the purge service works properly. Please contact your local Sterling Commerce Customer Support immediately if you see any additional problems with the purge service after applying this fix.

Knowledge Base: NFX7560

Title: GIS Services may hang on DB2 or MS SQL Server Databases

Description: EDI Encoder service hangs; the corresponding business process remains in Active State. This is caused when persistence code uses multiple database connections on the same thread and blocks itself. Gentran Integration Suite 4.3 and Sterling Integrator 5.0 are not affected because they use different logic to

assign database connections. Although this issue was detected when it affected the EDI Encoder service, it could affect other services under these conditions:

- ◆ Database is using DB2 or Microsoft SQL Server
- ◆ System or BP storage mode is File System/Docs on Disk
- ◆ Business processes create a clone of the document in the workflow context

When the problem occurs, the affected service will hang while the process remains in Active state. Restarting Gentran Integration Suite releases the service.

Resolution: Apply the 4221 Hot Fix to prevent this problem and avoid a potential outage.

Knowledge Base: NFX7561

Title: SQL Exception clutters up the log

Description: SQL Exception: This was a benign exception that cluttered up the system.log file. There was a code change in original 4221 patch which caused this issue to happen. It happened when the code made an extra entry in a simple database association table which was supposed to use a method designed for the case that filters out duplicate row exceptions.

Resolution: This issue has been fixed in patch 4221 hotfix.

4221 Hotfix Installation

The process for installing the 4221 hotfix (si_engine_4221_BR99999_204266.jar) is the same as installing a standard patch.

Please note that you are not required to install the 4221 original patch jar prior to installing the 4221 hotfix (si_engine_4221_BR99999_204266.jar). You can immediately install the 4221 hotfix on top of your current 4.2 patch level. If you have any questions or issues with installing the hotfix, please contact your local Sterling Commerce Customer Support immediately.

Final Fix Details

A new 4221 hotfix image with correction for these issues is available on the Support Center site as of Friday, November 6, 2009, US time. This new image is named si_engine_4221_BR99999_204266.jar.

Build 4221 Product Enhancements and Fixes

Build 4221 Product Enhancements

Gentran Integration Suite 4.2, Build 4221 does not contain any product enhancements.

Build 4221 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4221 in the following areas:

- ◆ Adapters - B2B Mail
- ◆ Adapters - FTP
- ◆ Adapters - HTTP
- ◆ Adapters - SFTP
- ◆ Admin UI
- ◆ Alerts
- ◆ Connect Direct Interop
- ◆ Event
- ◆ GPM - Graphical Process Modeler
- ◆ Index/Purge
- ◆ InstallService
- ◆ Mailbox
- ◆ Perimeter Services
- ◆ Security/Encryption
- ◆ Service and Adapter
- ◆ Scheduling
- ◆ Standards
- ◆ User Interface
- ◆ Workflow Engine

Adapters - B2B Mail

InQuira ID: NFX6096

Title: The email subject is not decoded before writing into the business process

Description: When retrieving email messages from mail server using B2BMailClientAdapter, if the subject has any double byte character (for example, Japanese), then it is encoded as below.

```
<Subject>=?ISO-2022-JP?B?GyRCQXc/LiVHITwlp0lRGyhCRVhDRUwbJEI1NyE8JUgbKEI=?=</Subject>
```

The email subject not get decoded before writing into the business process.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Adapters - B2B Mail

Escalation ID: 31664

Fix ID: 182864

Severity: Normal

Type: Normal Fix

Build: 4221

Adapters - FTP

InQuira ID: NFX6087

Title: FTP password policy with restricted password history does not work with FTP server adapter

Description: The user uses a password policy to restrict reuse of past five passwords using a password policy. But when a user logs in using an FTP client and uses SITE CPWD <new password>, this policy seems to be ignored and the user is able to change password to a previously used one with out any errors. The policy seems to be implemented when the user tries to change the user's password through the user interface. The system and FTP logs also show the following errors round about the time the user issues the SITE CPWD command.

Error Message:

System Log

```
[2009-02-24 20:05:11.154] ERROR SQL State: 23000
java.sql.SQLException: ORA-00001: unique constraint (GISADMIN.SCI_PK_167) violated
at oracle.jdbc.dbaccess.DBError.throwSQLException(DBError.java:134)
at oracle.jdbc.ttc7.TTIoer.processError(TTIoer.java:289)
at oracle.jdbc.ttc7.Oall7.receive(Oall7.java:582)
at oracle.jdbc.ttc7.TTC7Protocol.doOall7(TTC7Protocol.java:1986)
at oracle.jdbc.ttc7.TTC7Protocol.parseExecuteFetch(TTC7Protocol.java:1144)
```

FTP Log

```
[2009-02-24 20:05:06.466] ALL <FtpServer9
SINTP_FTP_NODE1_EXTERN_123550230451332:20682006> 000000000000 GLOBAL_SCOPE AUDIT:
User [GVIALISP1] from [194.151.106.50] has logged in using secure channel.
```

```
[2009-02-24 20:05:11.154] ERROR <FtpServer8  
SINTP_FTP_NODE1_EXTERN_123550230451332:20682006> 000000000000 GLOBAL_SCOPE  
FtpReply.getReplyMessage(i,S[]) incorrect argument count for reply code [200] in map.
```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4319 or later.

Please apply Sterling Integrator, Release 5.0 Build 5002 or later.

Functional Area: Adapters - FTP

Escalation ID: 00024781

Fix ID: 184381, 184382, 183513

Severity: Normal

Type: Normal Fix

Build: 4221, 4319, 5002

InQuira ID: NFX6344

Title: FTP Client adapter does not write the server response code into process data during temporary error condition in server

Description: FTP Client adapter does not write the server response code into process data when FTP server returns The server indicates a temporary error condition.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later

Functional Area: Adapters - FTP

Escalation ID: 25699

Fix ID: 190590

Severity: Normal

Type: Normal Fix

Build: 4221

Adapters - HTTP

InQuira ID: NFX4975

Title: HTTP Respond service successfully posting answer even though HTTP Client has already timed out.

Description: HTTP Respond service completes successfully even though HTTP Client has already timed out. The issue is that the HTTP Respond will always complete successfully even though a time out had occurred in the originating HTTP Client.

Steps to reproduce:

1. Implement a business process which issues a HTTP Post to a URI on the Gentran Integration Suite HTTP Server Adapter.
2. In the invoked business process, add a sleep service for a length of time longer than the HTTP Client Timeout Setting.
3. The HTTP Client will time out and disconnect however the invoked business process will resume and the HTTP Respond will send the resulting document back to the client and not report an error, even though it was impossible for it to have been able to have delivered the response.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

To implement this fix, you need to code two parameters in the client and server (invoked) business processes:

◆ **Client side wfd parameter** `ResetConnectionOnError`

To enable this, you need to add the following BPML line to HTTPClientBeginSession:

```
assign to="ResetConnectionOnError">Enable</assign>
```

To disable the same, you need to add the following BPML line to HTTPClientBeginSession:

```
<assign to="ResetConnectionOnError">Disable</assign>
```

◆ **Sever side wfd parameter** `ErrorOutAfterConnectionClose`

To enable this, you need to add the following BPML line to HTTP Respond Service:

```
<assign to="ErrorOutAfterConnectionClose">Enable</assign>
```

To Disable the same, you need to add the following BPML line to HTTPClientBeginSession:

```
<assign to="ErrorOutAfterConnectionClose">Disable</assign>
```

Functional Area: Adapters - HTTP

Escalation ID: 00024348

Fix ID: 181212

Severity: Normal

Type: Normal Fix

Build: 4221

Adapters - SFTP

InQuira ID: NFX2720

Title: SFTP Client End Session Service receives a timeout and never closes the connection

Description: Using the SFTP Client Adapter with some 3rd party SFTP Servers such as WS_FTP_Pro and Titan FTP Server, if there is a fire wall used, Gentran Integration Suite SFTP Client End Session may hang if it never receives an acknowledgement (FIN_ACK2) of the closing session from the network. It seems that

the farewell was dropping the acknowledgement message after it received the closing command causing the SFTP Client End Session Service to wait forever.

Error Message:

```
sftpclient.log file:
[2008-08-28 14:26:19.539] DEBUG 000000000000 GLOBAL_SCOPE [[SERVICE]] --
SFTPClientEndSession
[2008-08-28 14:26:19.539] DEBUG 000000000000 GLOBAL_SCOPE
EndSessionService.getServerAdapterLittleA() - looking up Server Adapter for
[SFTPClientAdapter_SFTPClientAdapter_node1].
[2008-08-28 14:26:19.552] DEBUG 000000000000 GLOBAL_SCOPE Client.endSession(ESR)
entering.
[2008-08-28 14:26:19.552] DEBUG 000000000000 GLOBAL_SCOPE Client.endSession(ESR) -
starting timer with timeout [30000] ms, on
com.sterlingcommerce.woodstock.services.sftpclient.client.TimeoutHandler@1d401d4
[2008-08-28 14:26:19.553] DEBUG 000000000000 GLOBAL_SCOPE Client.endSession(ESR)
request parameters:
<SFTPClientAdapter>null</SFTPClientAdapter>
<SessionToken>SFTPClientAdapter_SFTPClientAdapter_node1_12199479718221002:66896</SessionToken>
<WorkflowContextId>hctunx09:node1:11bffb0009:738473</WorkflowContextId>
<ResponseTimeout>30</ResponseTimeout>
[2008-08-28 14:26:19.553] DEBUG 000000000000 GLOBAL_SCOPE Session.endSession(R,PT)
entering.
[2008-08-28 14:26:19.556] DEBUG 000000000000 GLOBAL_SCOPE Session.endSession(R,PT)
exiting.
[2008-08-28 14:26:19.557] DEBUG 000000000000 GLOBAL_SCOPE Session.endSession(R,PT)
runnable entering.
[2008-08-28 14:26:29.558] ERROR
EDU.oswego.cs.dl.util.concurrent.TimeoutException
  at EDU.oswego.cs.dl.util.concurrent.FutureResult.timedGet(FutureResult.java:128)
  at
com.sterlingcommerce.woodstock.services.sftpclient.services.Response.waitForResults(
Response.java:97)
  at
com.sterlingcommerce.woodstock.services.sftpclient.client.Client.endSession(Client.java:309)
  at
com.sterlingcommerce.woodstock.services.sftpclient.AdapterImpl.endSession(AdapterImpl.java:206)
  at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
  at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:64)
  at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
)
  at java.lang.reflect.Method.invoke(Method.java:615)
  at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
  at sun.rmi.transport.Transport$1.run(Transport.java:168)
  at java.security.AccessController.doPrivileged(AccessController.java:275)
  at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
  at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
  at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java:838)
  at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
  at java.lang.Thread.run(Thread.java:801)
```

Resolution: A new parameter was added to the `sftp.properties` file which will allow users to configure to the timeout value for the SFTP Client End Session Service in milliseconds. If the value is set to less than

10 seconds or more than one hour, we default to 10 minutes and will only apply to the SFTP Client End Session. The following is an example for a ten minute timeout:

```
# sftp client EndSession timeout waiting for response from network period in ms:
default 10 minutes endSessionResponseTimeout=600000
```

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4315 or later.

Please apply Sterling Integrator, Release 5.0 Build 5001 or later.

Functional Area: Adapters - SFTP

Escalation ID: 1370351

Fix ID: 168134, 177626, 193509

Severity: Normal

Type: Normal Fix

Build: 4221, 4315, 5001

InQuira ID: NFX6259

Title: SFTP Server adapter error ** MAVERICK SSHD ** An error occurred whilst trying to read from the socket

Description: SFTP Server adapter error ** MAVERICK SSHD ** An error occurred whilst trying to read from the socket.

Error Message:

```
ERROR 000000000000 GLOBAL_SCOPE ** MAVERICK SSHD ** An error occurred whilst trying
to read from the socket
java.io.IOException: CONNECTION_RESET
  at
com.sterlingcommerce.perimeter.api.nio.PsSocketChannel.read(PsSocketChannel.java(Com
piled Code))
  at
com.sterlingcommerce.perimeter.api.nio.PsSocketChannel.read(PsSocketChannel.java(Com
piled Code))
  at com.maverick.nio.SocketConnection.processReadEvent(Unknown Source)
  at com.maverick.nio.Daemon$_C.processSelectionKey(Unknown Source)
  at com.maverick.nio.SelectorThread.run(Unknown Source)
server shutdown before transfer could complete
```

Resolution: Maverick jar files have been updated to address this issue: SSHD to 1.4.17 and J2SSH to 1.4.14

Please apply Sterling Integrator, Release 5.0 Build 5002 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4320 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Adapters - SFTP

Escalation ID: 00055501

Fix ID: 191621, 191735, 191728

Severity: Critical

Type: Normal Fix

Build: 5002, 4320, 4221

InQuira ID: NFX6596

Title: SFTP leaving orphan data behind in DATA_TABLE

Description: When SFTP server runs, it puts one entry in the document table (corresponding to a mailbox message) and two entries in the Data_Table. (The first entry which represent the file SFTPed in, has association with the entry in the document table, while the second entry which represents the path/name to the mailbox, does not have association to document or any other known tables. The second entry is identified as "orphan" by DataSweeper.) As a result, there is an increase in orphaned data in the DATA_TABLE.

Error Message: No error message.

Resolution: DataSweeper was modified to locate the mailbox entries and remove them. A new fix was created so that it removes them in the SFTP process and therefore does not create orphans anymore.

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4320 or later.

Please apply Sterling Integrator, Release 5.0 Build 5002 or later.

Functional Area: Adapters - SFTP

Escalation ID: 00023548

Fix ID: 192505, 181540, 188916

Severity: Normal

Type: Normal Fix

Build: 5002, 4320, 4221

Admin UI

InQuira ID: NFX6465

Title: Mailbox message sort order not retained after editing a message

Description: Select a mailbox. Sort the list of message in some order; for example, descending order. Once we edit the message, and return to the list of the messages, the sort order is lost.

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4320 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later

Functional Area: Admin UI

Escalation ID: 47040

Fix ID: 190604, 189213

Severity: Normal

Type: Normal Fix

Build: 4320, 4221

InQuira ID: NFX6963

Title: An error is encountered while editing few reports

Description: An error is encountered while editing few reports. FILTER_VALUE column on RPT_FILTER table is too small to hold filter data. After the error is encountered, the particular report gets deleted and cannot be listed (when listing all reports alphabetically) for viewing or editing in future.

Error Message: No error message.

Resolution: The data type was changed from varchar(40) to varchar(255).

Please apply Gentrans Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Admin UI

Escalation ID: QC

Fix ID: 197668

Severity: Normal

Type: Normal Fix

Build: 4221

Alerts

InQuira ID: NFX6263

Title: AS2 Edition users cannot update CheckExpireCertsEmailNotif Business process SMTP Settings

Description: If the SMTP Server settings change (such as hostname), this cannot be updated in AS2 Edition since BPML cannot be edited.

Resolution: Please apply Gentrans Integration Suite, Release 4.2 4221 or later.

Functional Area: Alerts

Escalation ID: 53410

Fix ID: 189452

Severity: Normal

Type: Normal Fix

Build: 4221

Connect Direct Interop

InQuira ID: NFX5686

Title: Connect Direct transfer rates drop considerably when `cdinterop` and `cdjava` logs are set to verbose mode

Description: It appears that when the logging levels are set to ON and then switched back to OFF, the Connect Direct transmissions do not stop producing the verbose information but no longer output that information to the logs thus causing the transfers to come to a crawl. As soon as the log levels are set to OFF, any new transfers will be back to normal speeds. Any transfers that were still running and were affected by the logging level set to verbose mode will either need to be restarted (may not be desirable if Checkpoint is not being used), or they will have to be let alone until they finish with the slower rates.

Error Message: No error message. Transfer rates are cut by 80 to 90 percent with logging level set to ON.

Resolution: We have changed the defaults in the property file in favor of non-verbose mode.

Please apply Gentran Integration Suite, Release 4.3 Build 4319 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Please apply Sterling Integrator, Release 5.0 Build 5002 or later.

Functional Area: Connect Direct Interop

Escalation ID: 33114

Fix ID: 184267, 185039, 185081

Severity: Critical

Type: Normal Fix

Build: 4319, 5002, 4221

InQuira ID: NFX6512

Title: CDSA pnode is failing to restart a failed copy operation

Description: First, the restart attempt encounters a `NullPointerException` leading to operation failure. Second, the new `RESTART_ATTEMPTS` service parameter, internal to the `CDInterop_CopyToWithLoop` business process, prevents manual copy retry handling since it is reset each time the `CopyTo` service is invoked. In addition, the automatic retry mechanism in the `CDInterop_CopyToWithLoop` business process is accessing an incorrect location in `ProcessData` for determining the retry limit causing a condition test failure resulting in no retry.

Error Message: `NullPointerException`

Resolution:

Please apply Sterling Integrator, Release 5.0 Build 5002 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 191397, 196306

Severity: Normal

Type: Normal Fix

Build: 5002, 4221

InQuira ID: NFX6566

Title: Connect Direct Server Adapter throws an array index out of bounds when `cdinterop.log` is set to debug

Description: Connect Direct Server Adapter throws an array index out of bounds when `cdinterop.log` is set to debug.

Error Message: Array index out of bounds exception

Resolution:

Please apply Sterling Integrator, Release 5.0 Build 5002 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4321 or later.

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 192672, 196312, 196310

Severity: Normal

Type: Normal Fix

Build: 5002, 4221, 4321

InQuira ID: NFX6868

Title: CDJava passes incorrect node name during SNODE copy operations

Description: The `CdSnApi.handleFM71Copy()` is incorrectly passing `rmtFmh72.origNode` to `CdCopier.copySnode()` rather than `rmtFmh70.localName`. This causes the wrong node name to be stored in the session's checkpoint record resulting in failure to resume previously checkpointed session.

This can only be seen when a Gentran Integration Suite business process submits a process (that is on the remote CD node) to be run on a remote CD node in which the CD process copies a file from the remote (back) to the CDSA. If the session involving the CD process encounters a session break, the restart operation will fail to locate the stored checkpoint record and subsequently start a new copy. This will cause an additional file on the file system for each restart.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 194819
Severity: Normal
Type: Normal Fix
Build: 4221

InQuira ID: NFX6869

Title: CopyFrom does not remove checkpoint records upon a successful receive
Description: CopyFrom does not remove checkpoint records upon a successful receive.
Error Message: No error message.
Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.
Functional Area: Connect Direct Interop
Escalation ID: QC

Fix ID: 194815
Severity: Normal
Type: Normal Fix
Build: 4221

InQuira ID: NFX6910

Title: CDSA (Connect Direct Server Adapter) leaves partial checkpoint files on disk
Description: CDSA leaves partial files on disk under the documents folder; these files will not be removed by regular purge process. As a result, historic files will be present under the documents folder.
Error Message: No visible error.
Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.
Functional Area: Connect Direct Interop
Escalation ID: 45460

Fix ID: 194309, 190801
Severity: Normal
Type: Normal Fix
Build: 4221

Event

InQuira ID: NFX1970

Title: Database Monitor send an email with blank subject.

Description: When the database monitor service detects a problem with the database connection, it sends an e-mail message to the Gentran Integration Suite admin with blank subject.

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4320 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Event

Escalation ID: 1368081, 37606

Fix ID: 41820, 187562, 184674

Severity: Normal

Type: Normal Fix

Build: 4320, 4221

GPM - Graphical Process Modeler

InQuira ID: NFX5920

Title: Graphical Process Modeler reorders advanced assign input messages

Description: When adding values to a service using the advanced button in the Graphical Process Modeler, if you check it into Gentran Integration Suite, check back out and reopen with Graphical Process Modeler, it orders the values alphabetically by name.

Example process:

```
<process name = "order_test">
  <sequence>
    <operation name="Get Document Information Service">
      <participant name="GetDocumentInfoService"/>
      <output message="GetDocumentInfoServiceTypeInputMessage">
        <assign to="test1">test</assign>
<assign to="abc">abc</assign>
        <assign to="fgh">fgh</assign>
        <assign to="." from="*"></assign>
      </output>
      <input message="inmsg">
        <assign to="." from="*"></assign>
      </input>
    </operation>
  </sequence>
</process>
```

Once you reopen with Graphical Process Modeler, the assigns will be ordered like

```
<assign to="abc">abc</assign>  
<assign to="fgh">fgh</assign>  
<assign to="test1">test</assign>
```

If you edit the business process in the Gentran Integration Suite user interface, the order will not get changed. For the multi assign service, (AssignService) the reorder may lead to problems.

Sample: The necessary information for a MIME message with AssignService was created. After the reorder of assigns, the user always received a SOAP Fault.

Error Message: No error message.

Workaround:

Pull the assigns out as individual steps in the business process to save in process data, then use XPath in service to grab the results.

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4320 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: GPM

Escalation ID: 34845

Fix ID: 189953, 186086

Severity: Normal

Type: Normal Fix

Build: 4320

Index/Purge

InQuira ID: NFX6970

Title: When MBIExtract purges from the system, it deletes the document on the disk file associated with the mailbox message.

Description: When a mailbox message is extracted through the mailbox interface, the MBIExtract business process is run. When this process runs, the document clone record is not created correctly. The process has a new document record pointing at the documents on the disk, but is not linked correctly to the existing document record used by the mailbox which is also pointing at the same documents on the disk. When MBIExtract purges from the system, the document on the disk is deleted even if it is still in use by the mailbox. This leaves the links to the message in the mailbox there. You can see links to the message through the user interface, but when you try to use or look at the message you get an error.

Error Message: There are a number of possible error messages. You either get a 0-byte file when retrieving the message or you get a `file does not exist` error depending on how you access the message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Index/Purge

Escalation ID: 26685

Fix ID: 188635

Severity: Normal

Type: Normal Fix

Build: 4221

InQuira ID: NFX7559

Title: Issue with the runtime Purge Service in Gentran Integration Suite 4.2

Description: An issue has been discovered with the runtime Purge Service in Gentran Integration Suite 4.2 in patch 4221 (`si_engine_4221.jar`) which causes the PURGE service to malfunction and leads to a growth in database and file system sizes. This may lead to production down situations over time.

This issue applies to customers who have changed the system level storage or any Business Process level document storage from the default (database storage) to file system storage/docs on disk. It also affects FTP users since the GIS FTP solution uses file system/docs on disk storage by default. If you are a GIS 4.2 customer who has installed 4221 and have questions concerning the Manual Fix below, please contact your local Sterling Commerce Customer Support. For information about the action required and fix availability, please see instructions below.

Symptom:

The PURGE service on your GIS 4221 environment fails and does not complete successfully. You may also notice that the GIS database and/or file system grow over time due to the purge failing in your GIS 4221 environment.

Error Message:

Example stack trace for Oracle database.

archive log:

```
[2009-10-05 00:01:57.507] ERROR 000000000000 GLOBAL_SCOPE PURGE ERROR While
generating Document On Disk List
[2009-10-05 00:01:57.507] ERROR SQL Error Code: 17011
[2009-10-05 00:01:57.507] ERROR SQL State: null
java.sql.SQLException: Exhausted Resultset
    at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java(Compiled
Code))
    at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java(Inlined
Compiled Code))
    at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java(Inlined
Compiled Code))
    at oracle.jdbc.driver.OracleResultSetImpl.getInt(OracleResultSetImpl.java(Compiled
Code))
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.writeDataOnDiskIn
fo(PurgeService.java(Compiled Code))
    at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.doDocOnDisk(Purge
Service.java(Compiled Code))
```

```

at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.doRunLoop(PurgeService.java(Compiled Code))
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.distributeWork(PurgeService.java:579)
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeService.processData(PurgeService.java:488)
at
com.sterlingcommerce.woodstock.services.archive.purge.PurgeServiceImpl.processData(PurgeServiceImpl.java:53)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java(Inlined Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java(Compiled Code))
at java.lang.Thread.run(Thread.java(Compiled Code))

```

Resolution:

If you downloaded patch 4221 and have installed it on any of your GIS environments, especially production, we recommend you immediately apply the manual fix documented above to ensure your GIS system will purge correctly to avoid production issues.

If you are a customer who downloaded the 4221 image and have NOT installed the image on any of your GIS environments, please remove the image and wait for the final fix to be loaded to the Support Center.

A new 4221 patch image with the manual fix correction noted above for the Purge Service issue is available on the Support Center site. The new image is named `si_engine_4221_BR99999_204266.jar`.

If you are unable to apply the patch at this time, you can take the following steps to manually address the issue.

Manual Fix

1. Stop the GIS instance.
2. Manually create a backup of the <install_dir>/properties/jdbc_purge.properties file.
3. Edit the jdbc_purge.properties file with the following changes:
Identify the following query:

```
query.purge_documentSelect2=SELECT
DC.DOC_ID,D.DOC_ID,AI.WF_ID,D.WORKFLOW_ID,AI.ARCHIVE_FLAG FROM
DOCUMENT_CLONE DC, DOCUMENT D LEFT OUTER JOIN ARCHIVE_INFO AI ON
AI.GROUP_ID = 2 AND D.WORKFLOW_ID = AI.WF_ID AND (AI.ARCHIVE_FLAG IN (1,2)
AND AI.ARCHIVE_DATE >= ? OR AI.ARCHIVE_FLAG NOT IN (1,2))) WHERE
DC.ORIG_DOC_ID = ? AND DC.DOC_ID = D.DOC_ID AND ((AI.WF_ID IS NOT NULL AND
D.WORKFLOW_ID > 0) OR (D.WORKFLOW_ID <= 0))
```

Change the words highlighted in italics above to the value highlighted in italics below:

```
query.purge_documentSelect2=SELECT COUNT(*) FROM DOCUMENT_CLONE DC,
DOCUMENT D LEFT OUTER JOIN ARCHIVE_INFO AI ON (AI.GROUP_ID = 2 AND
D.WORKFLOW_ID = AI.WF_ID AND (AI.ARCHIVE_FLAG IN (1,2) AND
AI.ARCHIVE_DATE >= ? OR AI.ARCHIVE_FLAG NOT IN (1,2))) WHERE
DC.ORIG_DOC_ID = ? AND DC.DOC_ID = D.DOC_ID AND ((AI.WF_ID IS NOT NULL AND
D.WORKFLOW_ID > 0) OR
(D.WORKFLOW_ID <= 0))
```

4. Run <installdir>/bin/setupfiles.sh[cmd]
5. Restart your GIS instance.

Please continue to monitor your system to ensure the purge service works properly. Please contact your local Sterling Commerce Customer Support immediately if you see any additional problems with the purge service after applying this fix.

Resolution: If you downloaded patch 4221 and have installed it on any of your GIS environments, especially production, we recommend you immediately apply the manual fix documented above to ensure your GIS system will purge correctly to avoid production issues.

If you are a customer who downloaded the 4221 image and have NOT installed the image on any of your GIS environments, please remove the image and wait for the final fix to be loaded to the Support Center.

A new 4221 patch image with the manual fix correction noted above for this Purge Service issue is available on Support Center site as of Friday, November 6, 2009. This new image is named si_engine_4221_BR99999_204266.jar.

Functional Area: Purge

Escalation ID: 00102509

Fix ID: 204266

Severity: Critical

Type: Core Change

Build: 4221 (HF)

InQuira ID: NFX7561

Title: SQL Exception clutters up the log

Description: `SQL Exception`: This was a benign exception that cluttered up the log. This happened when the code made an extra entry in a simple database association table. It was supposed to use a method designed for that case that filters out duplicate row exceptions.

Resolution: This issue was fixed by using `executeUpdate` instead of `execute`.

Functional Area: Index/Purge

Escalation ID: QC

Fix ID: 204484

Severity: Normal

Type: Core Change

Build: 4221 (HF)

InstallService**InQuira ID: NFX6770**

Title: OOM error received during the patching process

Description: Near the end of the patching process, the process failed with an OOM error.

Error Message:

```
Build file = D:\SterlingCommerce\SI\properties\deployer.xml
Target name = deployall
  clean:
  init:
  munge:
java.lang.OutOfMemoryError
  at org.apache.tools.ant.Project.executeSortedTargets(Project.java:1225)
  at org.apache.tools.ant.Project.executeTarget(Project.java:1185)
  at
com.sterlingcommerce.woodstock.install.deployer.AntDeployer.executeScript(AntDeployer.java:220)
  at
com.sterlingcommerce.woodstock.install.deployer.AntDeployer.deploy(AntDeployer.java:173)
  at
com.sterlingcommerce.woodstock.install.deployer.AntDeployer.main(AntDeployer.java:167)
Caused by: java.lang.OutOfMemoryError
--- Nested Exception ---
java.lang.OutOfMemoryError
java.lang.OutOfMemoryError
  at org.apache.tools.ant.Project.executeSortedTargets(Project.java:1225)
  at org.apache.tools.ant.Project.executeTarget(Project.java:1185)
```

```
at
com.sterlingcommerce.woodstock.install.deployer.AntDeployer.executeScript(AntDeployer.java:220)
at
com.sterlingcommerce.woodstock.install.deployer.AntDeployer.deploy(AntDeployer.java:173)
at
com.sterlingcommerce.woodstock.install.deployer.AntDeployer.main(AntDeployer.java:167)
Caused by: java.lang.OutOfMemoryError
--- Nested Exception --- java.lang.OutOfMemoryError
ERROR: '1'. Failed in AntDeployer
Usage: D:\SterlingCommerce\SI\bin\deployer.cmd [ -t target name] [ -l logging level ]
-t target name to execute (default:deployall)
-l logging level to use: verbose, error, warning, info Error '1' redeploying
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: InstallService

Escalation ID: 00076422

Fix ID: 196439

Severity: Critical

Type: Normal Fix

Build: 4221

Mailbox

InQuira ID: NFX6070

Title: Database blocking on MBX_MESSAGE_UNIQ table

Description: When using mailboxing and not allowing duplicate message names, the thread removing the record from MBX_MESSAGE_UNIQ could lock against the thread inserting the new record into MBX_MESSAGE_UNIQ.

Error Message: No error message. The JVM locks up and processing stops requiring a restart of Gentran Integration Suite.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Mailbox

Escalation ID: 47254

Fix ID: 188228

Severity: Critical

Type: Normal Fix

Build: 4221

Perimeter Services

InQuira ID: NFX6020

Title: Perimeter Server becomes disconnected from the application server and errors are seen when Gentran Integration Suite attempts to reconnect

Description: Perimeter Server becomes disconnected from the application server and errors are seen when Gentran Integration Suite attempts to reconnect.

Error Message:

```
[2009-02-25 11:01:49.764] ERROR <Dispatcher> 000000000000 GLOBAL_SCOPE Exception in Dispatcher run loop.  
java.util.ConcurrentModificationException  
at java.util.HashMap$HashIterator.nextEntry(HashMap.java:782)  
at java.util.HashMap$ValueIterator.next(HashMap.java:812)  
at com.sterlingcommerce.perimeter.muxrat.relay.Relay.closeCircuits(Relay.java:244)  
at com.sterlingcommerce.perimeter.muxrat.relay.Relay.closed(Relay.java:218)  
at  
com.sterlingcommerce.perimeter.dispatcher.DataIPAgent.setState(DataIPAgent.java:184)  
at  
com.sterlingcommerce.perimeter.dispatcher.DataIPAgent.close(DataIPAgent.java:243)  
at com.sterlingcommerce.perimeter.muxrat.relay.Relay.closed(Relay.java:217)  
at com.sterlingcommerce.perimeter.muxrat.relay.Relay$Pinger.run(Relay.java:728)  
at com.sterlingcommerce.perimeter.api.scheduler.TaskNode.run(TaskNode.java:62)  
at  
com.sterlingcommerce.perimeter.dispatcher.AbstractDispatcher.runTasks(AbstractDispatcher.java:440)  
at  
com.sterlingcommerce.perimeter.dispatcher.AbstractDispatcher.doRun(AbstractDispatcher.java:405)  
at  
com.sterlingcommerce.perimeter.dispatcher.AbstractDispatcher$2.run(AbstractDispatcher.java:182)  
at java.lang.Thread.run(Thread.java:534)
```

Resolution: The fix eliminates the error message and enables Gentran Integration Suite to attempt to connect to the perimeter server but the original cause of the disconnect may still exist. For example, Perimeter Server may be down or have too man open connections.

Please apply Gentran Integration Suite, Release 4.3 Build 4319 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Perimeter Services

Escalation ID: 1372835

Fix ID: 185507, 181497

Severity: Normal

Type: Normal Fix

Build: 4319, 4221

InQuira ID: NFX6966

Title: Perimeter Services sockets now set TCP_NoDelay parameter by default to address slow SFTP, HTTP and FTP transfer rates

Description: Symptoms prior to this fix include: Slow SFTP, HTTP and FTP transfer rates.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4320 or later.

Please apply Sterling Integrator, Release 5.0 Build 5003 or later.

This fix sets the TCP_NoDelay parameter on all sockets used by Perimeters Services by default. This is not a configurable parameter:

- ◆ When using a Perimeter Service capable adapter, setting the TCP_NoDelay parameter greatly improves transfer rates.
- ◆ This fix has a potential impact on all Perimeter Services capable adapters
- ◆ This fix impacts both internal and external Perimeter Services sockets as well as both client and server sockets

Functional Area: Perimeter Server

Escalation ID: 58618

Fix ID: 193599, 193766, 193573

Severity: Normal

Type: Normal Fix

Build: 4320, 4221, 5003

Security/Encryption**InQuira ID: NFX6883**

Title: The password policy is not working on the SFTP Server adapter

Description: On Gentran Integration Suite 4.2, the user has created and defined a password policy to change the password of the user every 30 days.

When password of a user is expired:

- ◆ On the mailbox interface the user is asked to give a new password before having access to his mailbox
- ◆ When connecting through SFTP, the user can still connect directly to his mailbox without renewing the password

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Security/Encryption

Escalation ID: 36663

Fix ID: 185659

Severity: Critical

Type: Normal Fix

Build: 4221

Service and Adapter

InQuira ID: NFX4550

Title: When implementing cluster on the HTTP client adapters using the Group method HTTP begin session fails

Description: A business process fails at the HTTP Client adapter begin session step when it has been configured to be on a Service Group and the node in which it has to process is down. This occurs only if the business process is a child business process called inline from a parent business process and if the http client call is the second call within the same workflow context (a retry scenario).

The expected behavior is that in a Service Group, if a node is down, the processing should go to another node available within the cluster. The error does not occur when all the nodes in the Gentran Integration Suite cluster are available and running.

Error Message:

httpclientbeginsession step: Mandatory parameter missing

httpclientendsession step: General Engine Error

Instance data for httpclientendsession shows the following error: Could not find an adapter by service name [httpclientadapter_grp]

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4320 or later.

Please apply Sterling Integrator, Release 5.0 Build 5002 or later.

Functional Area: Service and Adapter

Escalation ID: 1372145

Fix ID: 186140, 186138, 182237

Severity: Critical

Type: Normal Fix

Build: 5002, 4320, 4221

InQuira ID: NFX6961

Title: Possible confusion on the lock name in Purge and MessagePurge

Description: The name of the lock created by the Purge and MessagePurge service are very similar, and issues have been reported where the services might fail with a `Lock Exists` error because it has confused the names.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Service and Adapter

Escalation ID: 48758

Fix ID: 188661

Severity: Normal

Type: Normal Fix

Build: 4221

Scheduling

InQuira ID: NFX6907

Title: Ops command does not start the schedule server

Description: When starting schedule server using ops command, the schedule server does not start the schedules. The way to find out if the command has not worked is to look at the schedules that have small time gaps.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Then use the following commands to start/stop the schedule sever:

- ◆ Stop Command: `./bin/opscmd.sh -nnode1 -cSTOPSERVER -pid=ScheduleServer`
- ◆ Start Command: `./bin/opscmd.sh -nnode1 -cSTARTSERVER -pid=ScheduleServer`

Functional Area: Scheduling

Escalation ID: 24852

Fix ID: 188884

Severity: Normal

Type: Normal Fix

Build: 4221

Standards

InQuira ID: NFX5800

Title: Generic Envelope Service does consistently increment the FLGN in outbound TRADACOMS messages when batching is off.

Description: The Generic Envelope Service does not consistently increment the FLGN in outbound TRADACOMS messages when batching is off. Thus, if multiple TradacomsEnvelope business processes run simultaneously for the same outbound trading partner, FLGN element in two or more messages may contain the same value.

Error Message: No error message.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4319 or later.

Functional Area: Standards

Escalation ID: 36841

Fix ID: 185105, 184540

Severity: Critical

Type: Normal Fix

Build: 4319, 4221

InQuira ID: NFX7560

Title: GIS Services may hang on DB2/MS SQL Server Databases

Description: EDI Encoder service hangs; the corresponding business process remains in Active State. This is caused when persistence code uses two different database connections on the same thread and blocks itself. Gentran Integration Suite 4.3 and Sterling Integrator 5.0 are not affected because they use different logic to assign database connections.

Although this issue was detected when it affected the EDI Encoder service, it could affect other services under these conditions:

- ◆ Database is using DB2 or Microsoft SQL Server
- ◆ System or BP storage mode is File System/Docs on Disk
- ◆ Business processes create a clone of the document in the workflow context

When the problem occurs, the affected service will hang while the process remains in Active state. Restarting Gentran Integration Suite releases the service.

Resolution: Apply the 4221 Hot Fix to prevent this problem and avoid a potential outage.

Functional Area: Standards

Escalation ID: QC

Fix ID: 204483

Severity: Critical

Type: Core Change

Build: 4221 (HF)

User Interface

InQuira ID: NFX6122

Title: Page size for **Current Processes** not retained after system stop/start

Description: Page size for current processes set through **My Account PREFERENCES** not retained after system stop/start. If 'page size' is set to 20 (default is 10) and system is stopped and started, the GUI only displays 10 processes on the **Current Processes** screen even though user account still has a setting of 20. User must go back into **My Account** and needs to change and save the setting again to get this working.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: User Interface

Escalation ID: 47041

Fix ID: 188115

Severity: Normal

Type: Normal Fix

Build: 4221

Workflow Engine

InQuira ID: NFX2957

Title: **Business Process Usage** screen in troubleshooter menu returns blank page for active processes

Description: **Business Process Usage** screen in the troubleshooter menu returns blank page for active processes. Other business process usage options are fine.

Error Message:

```
UI log
[2008-07-18 11:50:31.531] ERROR 000000000000 GLOBAL_SCOPE [TroubleShooterBean]
java.lang.NullPointerException
    at
com.sterlingcommerce.woodstock.adminui.jspbean.TroubleShooterBean.getSelectedBPs(Tro
ubleShooterBean.java:1298)
    at org.apache.jsp.showbps_jsp._jspService(showbps_jsp.java:194)
    at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:137)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
    at org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:210)
    at org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:295)
    at org.apache.jasper.servlet.JspServlet.service(JspServlet.java:241)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
    at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:358)
    at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:
294)
    at org.mortbay.jetty.servlet.Dispatcher.dispatch(Dispatcher.java:222)
```

```

at org.mortbay.jetty.servlet.Dispatcher.forward(Dispatcher.java:135)
at
com.sterlingcommerce.woodstock.ui.servlet.ServletBase.gotoPage(ServletBase.java:277)
at com.sterlingcommerce.woodstock.adminui.servlet.Page.doPost(Page.java:164)
at
com.sterlingcommerce.woodstock.ui.servlet.ServletBase.doGet(ServletBase.java:151)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:740)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:358)
at
org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler
.java:342)
at
com.sterlingcommerce.woodstock.ui.dlso.DLSSOFilter.doFilter(DLSSOFilter.java:133)
at
org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler
.java:334)
at com.sterlingcommerce.util.Fix5CFilter.doFilter(Fix5CFilter.java:74)
at
org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler
.java:334)
at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:
286)
at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:567)
at org.mortbay.http.HttpContext.handle(HttpContext.java:1807)
at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:52
6)
at org.mortbay.http.HttpContext.handle(HttpContext.java:1757)
at org.mortbay.http.HttpServer.service(HttpServer.java:879)
at org.mortbay.http.HttpConnection.service(HttpConnection.java:789)
at org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:960)
at org.mortbay.http.HttpConnection.handle(HttpConnection.java:806)
at org.mortbay.http.SocketListener.handleConnection(SocketListener.java:218)
at org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:331)
at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:520)
WF log
[2008-07-18 11:50:31.531] ERROR 000110010804
WORKFLOW.WORKFLOW.ERR_getIdsByStateAndStatus
com.sterlingcommerce.woodstock.workflow.WorkFlowMonitor .getIdsByStateAndStatus()
caught SQLException.
SQL Error Code: 107
SQL State: HY000
java.sql.SQLException: [Microsoft][SQLServer 2000 Driver for JDBC][SQLServer]The
column prefix 'WFC_VIEW' does not match with a table name or alias name used in the
query.
at com.microsoft.jdbc.base.BaseExceptions.createException(Unknown Source)
at com.microsoft.jdbc.base.BaseExceptions.getException(Unknown Source)
at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processErrorToken(Unknown Source)
at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processReplyToken(Unknown Source)
at com.microsoft.jdbc.sqlserver.tds.TDSRPCRequest.processReplyToken(Unknown Source)
at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processReply(Unknown Source)
at com.microsoft.jdbc.sqlserver.tds.TDSCursorRequest.openCursor(Unknown Source)
at com.microsoft.jdbc.sqlserver.SQLServerImplStatement.execute(Unknown Source)
at com.microsoft.jdbc.base.BaseStatement.commonExecute(Unknown Source)

```

```
at com.microsoft.jdbc.base.BaseStatement.executeQueryInternal(Unknown Source)
at com.microsoft.jdbc.base.BasePreparedStatement.executeQuery(Unknown Source)
at
com.sterlingcommerce.woodstock.workflow.WorkFlowMonitor.getIdsByStateAndStatus(WorkFlowMonitor.java:5490)
at
com.sterlingcommerce.woodstock.workflow.WorkFlowMonitor.getAllIdsNew(WorkFlowMonitor.java:1764)
at
com.sterlingcommerce.woodstock.workflow.WorkFlowMonitor.getAllIds(WorkFlowMonitor.java:1754)
at
com.sterlingcommerce.woodstock.adminui.jspbean.TroubleShooterBean.getSelectedBPs(TroubleShooterBean.java:1290)
at org.apache.jsp.showbps_jsp._jspService(showbps_jsp.java:194)
at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:137)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
at org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:210)
at org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:295)
at org.apache.jasper.servlet.JspServlet.service(JspServlet.java:241)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:358)
at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:294)
at org.mortbay.jetty.servlet.Dispatcher.dispatch(Dispatcher.java:222)
at org.mortbay.jetty.servlet.Dispatcher.forward(Dispatcher.java:135)
at
com.sterlingcommerce.woodstock.ui.servlet.ServletBase.gotoPage(ServletBase.java:277)
at com.sterlingcommerce.woodstock.adminui.servlet.Page.doPost(Page.java:164)
at
com.sterlingcommerce.woodstock.ui.servlet.ServletBase.doGet(ServletBase.java:151)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:740)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
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at
org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler.java:334)
at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:286)
at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:567)
at org.mortbay.http.HttpContext.handle(HttpContext.java:1807)
at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:526)
at org.mortbay.http.HttpContext.handle(HttpContext.java:1757)
```

```

at org.mortbay.http.HttpServer.service(HttpServer.java:879)
at org.mortbay.http.HttpConnection.service(HttpConnection.java:789)
at org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:960)
at org.mortbay.http.HttpConnection.handle(HttpConnection.java:806)
at org.mortbay.http.SocketListener.handleConnection(SocketListener.java:218)
at org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:331)
at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:520)
Chained Exception:
SQL Error Code: 16945
SQL State: HY000
java.sql.SQLException: [Microsoft][SQLServer 2000 Driver for JDBC][SQLServer]The
cursor was not declared.
at com.microsoft.jdbc.base.BaseExceptions.createException(Unknown Source)
at com.microsoft.jdbc.base.BaseExceptions.getException(Unknown Source)
at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processErrorToken(Unknown Source)
at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processReplyToken(Unknown Source)
at com.microsoft.jdbc.sqlserver.tds.TDSRPCRequest.processReplyToken(Unknown Source)
at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processReply(Unknown Source)
at com.microsoft.jdbc.sqlserver.tds.TDSCursorRequest.openCursor(Unknown Source)
at com.microsoft.jdbc.sqlserver.SQLServerImplStatement.execute(Unknown Source)
at com.microsoft.jdbc.base.BaseStatement.commonExecute(Unknown Source)
at com.microsoft.jdbc.base.BaseStatement.executeQueryInternal(Unknown Source)
at com.microsoft.jdbc.base.BasePreparedStatement.executeQuery(Unknown Source)
at
com.sterlingcommerce.woodstock.workflow.WorkFlowMonitor.getIdsByStateAndStatus(WorkF
lowMonitor.java:5490)
at
com.sterlingcommerce.woodstock.workflow.WorkFlowMonitor.getAllIdsNew(WorkFlowMonitor
.java:1764)
at
com.sterlingcommerce.woodstock.workflow.WorkFlowMonitor.getAllIds(WorkFlowMonitor.ja
va:1754)
at
com.sterlingcommerce.woodstock.adminui.jspbean.TroubleShooterBean.getSelectedBPs(Tro
ubleShooterBean.java:1290)
at org.apache.jsp.showbps_jsp._jspService(showbps_jsp.java:194)
at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:137)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
at org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:210)
at org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:295)
at org.apache.jasper.servlet.JspServlet.service(JspServlet.java:241)
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294)
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at
com.sterlingcommerce.woodstock.ui.servlet.ServletBase.gotoPage(ServletBase.java:277)
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at
com.sterlingcommerce.woodstock.ui.servlet.ServletBase.doGet(ServletBase.java:151)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:740)
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at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:358)

```



```

at
org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler
.java:342)
at
com.sterlingcommerce.woodstock.ui.dlso.DLSSOFilter.doFilter(DLSSOFilter.java:133)
at
org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler
.java:334)
at com.sterlingcommerce.util.Fix5CFilter.doFilter(Fix5CFilter.java:74)
at
org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler
.java:334)
at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:
286)
at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:567)
at org.mortbay.http.HttpContext.handle(HttpContext.java:1807)
at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:52
6)
at org.mortbay.http.HttpContext.handle(HttpContext.java:1757)
at org.mortbay.http.HttpServer.service(HttpServer.java:879)
at org.mortbay.http.HttpConnection.service(HttpConnection.java:789)
at org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:960)
at org.mortbay.http.HttpConnection.handle(HttpConnection.java:806)
at org.mortbay.http.SocketListener.handleConnection(SocketListener.java:218)
at org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:331)
at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:520)

```

Resolution:

Please apply Gentran Integration Suite, Release 4.1.1 Build 1990.

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4315 or later.

Please apply Sterling Integrator, Release 5.0 Build 5001 or later.

Functional Area: Workflow Engine

Escalation ID: 1370234

Fix ID: 169886, 167160, 185585

Severity: Normal

Type: Normal Fix

Build: 1990, 4221, 4315, 5001

InQuira ID: NFX5287

Title: Problem with **Advanced Search** and **Central Search** screens

Description: In **Advanced Search** screen, when **ALL** is selected, a list of both completed and terminated business processes is returned.

◆ When Terminated/Error is selected, a list of only terminated business processes is returned.

- ◆ When Completed/Success is selected, no list is returned.

Same problems occur with the **Central Search** screen.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4319 or later.

Please apply Sterling Integrator, Release 5.0 Build 5002 or later.

Functional Area: Workflow Engine

Escalation ID: 1372970

Fix ID: 181059, 182515, 192659

Severity: Normal

Type: Normal Fix

Build: 4319, 5002, 4221

InQuira ID: NFX6164

Title: Executing BusinessProcessDetail reports fail with Report Generation Error Report was not generated...

Description: When trying to execute any of the reports that show **BPDetails** (for example BPDetail_ByBPName) after patching the cluster to Gentran Integration Suite, Release 4.2 Build 4219, the report fails to generate.

Error Message:

```
Report Generation Error  
Report was not generated. Please see logs for detail error messages.
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Workflow Engine

Escalation ID: 50001

Fix ID: 188090

Severity: Normal

Type: Normal Fix

Build: 4221

InQuira ID: NFX6904

Title: Enhanced debugging info for WorkflowException on Oracle

Description: When a business process is spawned on Gentran Integration Suite with Oracle database, sometimes you get WorkflowException: Missing IN or OUT parameter at index:: xx

Error Message: WorkflowException: Missing IN or OUT parameter at index:: 20

The index number will vary depending on the query.

Resolution: The fix helps to capture more information when this condition occurs in Gentran Integration Suite so that it can be analyzed for the root cause.

Please apply Gentran Integration Suite, Release 4.2 Build 4221 or later.

Functional Area: Workflow Engine

Escalation ID: 25068

Fix ID: 189025

Severity: Normal

Type: Normal Fix

Build: 4221

Build 4220 Product Enhancements and Fixes

Build 4220 Product Enhancements

Gentran Integration Suite 4.2, Build 4220 contains the following product enhancements:

- ◆ Adapters - SFTP
- ◆ Security/Encryption

Adapters - SFTP

InQira ID: ENH395

Title: Enhancement Request to support multiple public SSH keys per Gentran Integration Suite Account. Currently the dashboard supports only single keys.

Request Description: Enhancement Request to support multiple public SSH keys per Gentran Integration Suite Account. Currently the dashboard supports only single keys.

Escalation ID: 4807348, 1367694 (184659)

Status: Accepted for Future Releases

Request Resolution: See the Gentran Integration Suite 4.2 Documentation Updates for more information on Authentication Using Multiple SSH/SFTP Keys for Gentran Integration Suite 4.2.

Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Security/Encryption

InQira ID: ENH1557

Title: Implementing session time-out feature in Mailbox Interface

Request Description: When Mailbox Interface is left idle by the user and the idle time has crossed the Session Timeout value of the user, user is not prevented from working with the Mailbox Interface application. In such cases, the user should be alerted with `Session Timed out` and forcibly logged out.

Escalation ID: QC (183274)

Status: Completed

Request Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Build 4220 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4220 in the following areas:

- ◆ Adapters - File System
- ◆ Adapters - FTP
- ◆ Adapters - LDAP
- ◆ Adapters - SFTP
- ◆ Alert Service
- ◆ Archiving
- ◆ Connect Direct Interop
- ◆ Correlation Search
- ◆ Event
- ◆ GPM - Graphical Process Modeler
- ◆ Import/Export
- ◆ Mailbox
- ◆ Performance
- ◆ Standards
- ◆ Translator
- ◆ WebServices
- ◆ Workflow Engine

Adapters - File System

InQuira ID: NFX5320

Title: File System Adapter throws error `unable to read file` if there are no files to collect in the collection folder

Description: File System Adapter (FSA) works differently when the parameter `Collect files from sub folders within and including the collection folder` is not set and when file name is used as a filter. The business process that uses the File System Adapter halts with an ERROR status when there are no files to collect in the collection folder whereas this is not the case when these parameters mentioned above are configured differently. When these parameters are set to YES/NO and the filter used is `*/filename`, the File System Adapter executes successfully giving a message `no files to collect`. But if the File System Adapter is configured with the parameter `Collect files from sub folders within and including the collection folder` not set and file name is used as a filter, it throws an error.

Error Message:

Status Report of FSA :
1 files to collect
/data2/collection/filename.txt - unable to read file - not collected

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Adapters - File System

Escalation ID: 1372977

Fix ID: 183629

Severity: Normal

Type: Normal Fix

Build: 4220

Adapters - FTP

InQuira ID: NFX4038

Title: Business Process Recovery marks active FTP Business Process as Interrupted_Man

Description: While using Gentran Integration Suite 4.2 Build 4207, if or when an FTP Business Process goes into an Active or Waiting on I/O and Business Process Recovery runs, the FTP Business Process is marked as Interrupted_Man. Since no error is handled the customer is not notified in the back end problem management system. Recovery Status of FTP Business Process is Manual.

Error Message: Business Process Details reports service BUSINESS_PROCESS_MARK and status Interrupted_Man

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Adapters - FTP

Escalation ID: 1371381

Fix ID: 171811

Severity: Normal

Type: Normal Fix

Build: 4220

Adapters - LDAP

InQuira ID: NFX5084

Title: LDAP connections take long time to close when using external authentication.

Description: Customer has set external authentication for Gentrans Integration Suite user accounts but the LDAP connection to the Directory takes 30 to 40 seconds to be closed during a successful logon. If the logon fails due to a wrong password as per example, the connection is closed immediately.

Error Message: No error. The customer noticed the connections remained open for a long time after authentication. If authentication fails, the session is closed straight away.

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Adapters - LDAP

Escalation ID: 1372701

Fix ID: 179000

Severity: Normal

Type: Normal Fix

Build: 4220

Adapters - SFTP

InQuira ID: NFX5196

Title: Messages uploaded from SFTP client have an extractable time that is before the creation time

Description: Messages uploaded from SFTP client have an extractable time that is before the creation time. This happens when the message upload time is greater than the time set in the `extractable_for` parameter.

Error Message: No error messages

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Adapters - SFTP

Escalation ID: 1372936

Fix ID: 181201

Severity: Normal

Type: Normal Fix

Build: 4220

InQuira ID: NFX5818

Title: Upgrading Maverick Jars SSHD to Version 1.4.9 and J2SSH to Version 1.4.7

Description: Upgrade Maverick Jars SSHD to Version 1.4.9 and J2SSH to Version 1.4.7.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Adapters - SFTP

Escalation ID: QC

Fix ID: 183194

Severity: Normal

Type: Normal Fix

Build: 4220

Alert Service

InQuira ID: NFX5824

Title: Alert service is not notified on certain failed Business Processes.

Description:

To reproduce:

1. Set up test HTTP post business process to a bad IP/port combination.
2. If you test the business process it will fail after 1.5 minutes due to default HTTP client adapter settings (3 retries, 30 second wait between retries).
3. Run alert service; you will see that it sends notification.
4. Change HTTP client adapter to use 300 second waits (3 retries, 300 sec waits = 15 minute to fail).
5. Run HTTP test business process and when in the state of `waiting_on_io`, run the alert service.
6. Wait for the HTTP test business process to complete.
7. Run alert business process. You will see that no alert is sent for the failed HTTP test business process.

Error Message: No Error Message. Alert Service will not send alert on the errored business process as expected.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Alert Service

Escalation ID: 1372734

Fix ID: 177918

Severity: Normal

Type: Normal Fix

Build: 4220

Archiving

InQuira ID: NFX5935

Title: Correct the multithread ability in purge service

Description: Correct the multithread ability in purge service functionality and provide in patch to give additional options for customers encountering problems with purge service.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Once the appropriate build is applied, edit the business process used for purging (system business process or customized user business process) and add the following parameter to the output message in the bpml:

```
<assign to="MULTITHREAD">true</assign>
```

Purge Service BPML example:

```
<operation name="Service">
  <participant name="PurgeService"/>
  <output message="Xout">
    <assign to="MULTITHREAD">true</assign>
    <assign to="." from="*"></assign>
  </output>
  <input message="Xin">
    <assign to="." from="*"></assign>
  </input>
</operation>
```

Functional Area: Archiving

Escalation ID: 26938

Fix ID: 183716

Severity: Normal

Type: Normal Fix

Build: 4220

Connect Direct Interop

InQuira ID: NFX4863

Title: SCPA100I error using code pages

Description: SCPA100I error when Connect Direct Server Adapter does a copy from Gentran Integration Suite to z/OS Connect: Direct with Code Page translation.

Error Message:

```
SCPA100I  Input LRECL > output LRECL detected, noncompressed MBCS file.
```

Resolution: The new behavior detects when the MBCS translation has made a record too long in BINARY mode, and in that case breaks the record up into two records. The first record is the maximum length and the second one holds the excess bytes. The calculation of the maximum record length is not affected by this change, and remains (remote lrecl - 4) when the remote RECFM includes a 'V'.

Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1373006

Fix ID: 183250

Severity: Critical

Type: Normal Fix

Build: 4220

InQuira ID: NFX5270

Title: In Gentran Integration Suite 4.2, Document Tracking/Correlation displays the wrong filename

Description: When Connect: Direct CopyTo service is used to place a message in the mailbox, message id is used for local file name instead of the actual message filename. For example, instead of filename "102xmit.file" the name comes through as "PCSGGISAS02:10b7c30b:11f9011ef04:-1d38"

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1372947

Fix ID: 181360

Severity: Normal

Type: Normal Fix

Build: 4220

InQuira ID: NFX5804

Title: Whenever Connect: Direct mainframe pushes a 0kb file to Gentran Integration Suite, Gentran Integration Suite post MSGID=JMGR001I A CONNECT: Direct control message was received (FMH) but no beginning field was found (BEGN).

Description: After applying Gentran Integration Suite 4.2 Build 4216, whenever C:D mainframe pushed a 0kb file to Gentran Integration Suite, Gentran Integration Suite post MSGID=JMGR001I A CONNECT: Direct control message was received (FMH) but no beginning field was found (BEGN). After applying the Gentran Integration Suite 4.2 Build 4216, customer started getting the error messages from C:D mainframe connections whenever a 0kb file is pushed from the Mainframe C:D at Put 4601 to Gentran Integration Suite. Due to this error, the Mainframe job goes into retries and keeps trying to push the 0kb file to Gentran Integration Suite repeatedly so the file is getting transmitted more than once.

Error Message:

Error Msg in Gentran Integration Suite cdinterop log:

```
com.sterlingcommerce.cd.oemglue.SnodeConnectException:
MSGID=JMGR001I,RC=8,FDBK=1,CLMTHNAME=CdMessenger.recvFmh,
CDTXT="A CONNECT:Direct control message was received (FMH) but no beginning field was
found (BEGN).
```

Please retry the operation. If the problem persists contact your CONNECT:Direct administrator. The field name that was found is ", JTXT=""

Resolution: This issue occurs when you upgrade to Certicom 4.3.5.12 Security Builder within Gentran Integration Suite. Certicom's (ver 4.3.5.12) InputSSLIO interface expects the read method to return the amount of data read, possibly 0, or -1 if stream/channel closed or error occurs. This behavior is contrary to java.io.InputStream which returns the total number of bytes read into the buffer, or -1 if there is no more data because the end of the stream has been reached. To resolve this issue, stream's -1 response has been intercepted and translated to 0 for Certicom when doing secure reads.

Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1372946, 26158

Fix ID: 183226

Severity: Normal

Type: Normal Fix

Build: 4220

InQuira ID: NFX5835

Title: Document life span not created or received from Connect Direct Server Adapter

Description: When a business process is executed by the Connect Direct Server Adapter, the document life span records are not created. This leads to the documents being associated with the AssociateDocsToBP Business Process with a life span different to that of the invoked business process. This results, in some cases, with documents being purged, preventing the customer from restarting these business processes successfully.

Error Message: Error seen when you try to restart a failed business process which was bootstrapped by the Connect Direct Server Adapter:

```
2009-03-26 11:03:02.435] ERROR 000110070158
WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting to execute
service GetDocumentInfoService
java.lang.NullPointerException
    at
com.sterlingcommerce.woodstock.workflow.WFCUtil.getDataFromTree(WFCUtil.java:1176)
    at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.getDataFromTree(WorkFlowCont
ext.java:2490)
    at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.getWFContent(WorkFlowContext
.java:2397)
```

```

        at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.getWFContent(WorkFlowContext
.java:2365)
        at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.getWFContent(WorkFlowContext
.java:2279)
        at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.getDocument(WorkFlowContext.
java:1660)
        at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.getPrimaryDocument(WorkFlowC
ontext.java:1628)
        at
com.sterlingcommerce.woodstock.services.GetDocumentInfoService.processData(GetDocume
ntInfoService.java:101)
        at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1624)
        at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:602)
        at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:348)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:277)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueu
eListener.java:192)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:157)
        at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:143)
        at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:3
32)
        at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor
.java:519)
        at java.lang.Thread.run(Thread.java:534)
[2009-03-26 11:03:02.435] DEBUG 000000000000 GLOBAL_SCOPE Transaction + BMP
setRollbackonly
[2009-03-26 11:03:02.435] DEBUG 000120060092
WORKFLOW.ACTIVITY_ENGINE.DEB_ActivityEngineHelper_invokeService2
ActivityEngineHelper.invokeService() caught exception RollBack
GetDocumentInfoService
[2009-03-26 11:03:02.435] DEBUG 000120010374
WORKFLOW.WORKFLOW.DEB_assignToProcessData postInvokeService():

```

The reason for this is that the AssociateDocsToBP recognizes these documents to have no life span data, and associates the document to its own workflow_id. As a result, the document was purged from the database on the default life span of the AssociateDocsToBP and not the original bootstrapped workflow.

Note this stack trace shows the error being thrown by GetDocumentInfoService. It will occur on the first step in the restarted business process.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1372894

Fix ID: 181948

Severity: Normal

Type: Normal Fix

Build: 4220

InQuira ID: NFX5841

Title: Connect Direct Server Adapter sends the wrong filename when a CopyTo is restarted

Description: Connect Direct Server Adapter sends the wrong filename when a CopyTo is restarted.

A business process is constructed of the form below:

```
BeginSession
for i=0; i<100; i++ do
$filename = $userid + $processnumber + $i
CopyTo($filename)
endfor
EndSession
```

If a `link failure` occurs after data has been successfully transferred to a remote node but the FMH74 has not yet been exchanged, the CDSA will tear down the connection but fail to report the error. The looping mechanism will continue with the next iteration of the loop. When the CopyStep begins, the operation will not find the associated session and make the erroneous assumption that this session is a restart session. The Connect Direct Server Adapter retrieves the target filename from an erroneous step record (if one exists), or erroneously computes one when a matching step record cannot be found.

Error Message: No error message, but file name at remote Connect site is incorrect.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1372181

Fix ID: 180694

Severity: Critical

Type: Normal Fix

Build: 4220

Correlation Search

InQuira ID: NFX5442

Title: Correlation search does not return correct information when a date range is entered

Description: In Gentran Integration Suite 4.2 Build 4214, correlation search does not return correct information when a date range is entered. If the date and time is left as default, then it retrieves all data regardless of date and time. Even if the date and time is changed it retrieves all data regardless of date and time.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Correlation Search

Escalation ID: 1372858

Fix ID: 179443

Severity: Normal

Type: Normal Fix

Build: 4220

Event

InQuira ID: NFX5020

Title: Heavy lock contention in database on recording DMI listener events

Description: When recording DMI events in the database, there is heavy contention locking tables in the database. In SQL Server 2005, this often leads to deadlocking, especially when doing mailboxing.

Error Message: Usually shows up as deadlocks in the database usually related to heavy volume. This most often shows up in SQL Server 2005 instances when using mailboxing.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4317 or later.

Functional Area: Event

Escalation ID: 1372294

Fix ID: 174130, 174033

Severity: Normal

Type: Normal Fix

Build: 4317, 4220

InQuira ID: NFX5945

Title: Multiple DMI Listener threads are started in the noapp JVM when Gentran Integration Suite/Sterling Integrator is started

Description: Multiple DMI Listener threads are started in the noapp JVM when Gentran Integration Suite/Sterling Integrator is started. The DMI Listener is not thread safe which is causing multiple listeners to be spawned in the JVM. Although multiple listeners are started, only one is active.

Resolution: Made the DMI Listener to be thread safe.

Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4318 or later.

Functional Area: Event

Escalation ID: 1372355

Fix ID: 174655, 174656

Severity: Normal

Type: Normal Fix

Build: 4318, 4220

GPM - Graphical Process Modeler

InQuira ID: NFX5082

Title: Validation error in Graphical Process Modeler

Description: The following error is thrown on validating Business Process in Graphical Process Modeler if onFault link is created before the mail sequence in a sub flow.

Error Message:

```
Node Validation Error:
Activity Name: exist
Validation Message: Start activity must end at the same end activity
Node Validation Error:
Activity Name: Choice End
Validation Message: End activity must start from the same start activity
```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4318 or later.

Functional Area: GPM

Escalation ID: 1371882

Fix ID: 178485, 178956

Severity: Normal

Type: Normal Fix

Build: 4220, 4318

Import/Export

InQuira ID: NFX5146

Title: Unable to export document envelopes from Resource Manager

Description: No Envelope displayed to export even though many envelopes exist in the system. The issue occurs with Gentran Integration Suite 4.2 patch 4217, 4218 with SQLServer 2000. The issue does not occur with MYSQL database.

Error Message:

```
[2009-02-23 16:16:49.194] ERROR 000000000000 GLOBAL_SCOPE SIEnvelope: SQL Exception
Encountered
[2009-02-23 16:16:49.194] ERROR SQL Error Code: 145
[2009-02-23 16:16:49.194] ERROR SQL State: HY000
java.sql.SQLException: [Microsoft][SQLServer 2000 Driver for JDBC][SQLServer]ORDER BY
items must appear in the select list if SELECT DISTINCT is specified.
    at com.microsoft.jdbc.base.BaseExceptions.createException(Unknown Source)
    at com.microsoft.jdbc.base.BaseExceptions.getException(Unknown Source)
    at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processErrorToken(Unknown Source)
    at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processReplyToken(Unknown Source)
    at com.microsoft.jdbc.sqlserver.tds.TDSRPCRequest.processReplyToken(Unknown Source)
    at com.microsoft.jdbc.sqlserver.tds.TDSRequest.processReply(Unknown Source)
    at com.microsoft.jdbc.sqlserver.tds.TDSCursorRequest.openCursor(Unknown Source)
    at com.microsoft.jdbc.sqlserver.SQLServerImplStatement.execute(Unknown Source)
    at com.microsoft.jdbc.base.BaseStatement.commonExecute(Unknown Source)
    at com.microsoft.jdbc.base.BaseStatement.executeQueryInternal(Unknown Source)
    at com.microsoft.jdbc.base.BasePreparedStatement.executeQuery(Unknown Source)
    at
com.sterlingcommerce.woodstock.envelopes.si.SIEnvelope.listAllEnvelopeNames(SIEnvelope.
pe.java:920)
    at
com.sterlingcommerce.woodstock.profile.ie.resource.DocumentEnvelopesExporter.getAvai
lableResourceNames(DocumentEnvelopesExporter.java:140)
    at
com.sterlingcommerce.woodstock.profile.ie.Export.getAvailableResourcesByType(Export.
java:275)
    at
com.sterlingcommerce.woodstock.ui.TPEditor.getAvailableResourcesByType(TPEditor.java
:331)
    at
com.sterlingcommerce.woodstock.ui.jspbean.TPImpExpBean.getInputs(TPImpExpBean.java:1
83)
    at
com.sterlingcommerce.woodstock.ui.jspbean.ImpExpBean.getInputs(ImpExpBean.java:689)
    .
    .
    at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:520)
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Import/Export

Escalation ID: 1372722

Fix ID: 177853

Severity: Normal

Type: Normal Fix

Build: 4220

Mailbox

InQuira ID: NFX4283

Title: Receiving strange errors intermittently working with Mailbox Interface deployed into an HTTP server adapter which uses SSL

Description: A pop up will appear saying `Problem retrieving XML data` when the Mailbox Interface system is left Idle so that the session times out. Also not able to consistently stay logged into the external Mailbox Interface UI deployed into an HTTP server adapter which uses SSL. Mailbox Interface intermittently gives `page can't be displayed` error.

Error Message: Problem retrieving XML data

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Mailbox

Escalation ID: 1372991, 1372009

Fix ID: 182764, 177699

Severity: Normal

Type: Normal Fix

Build: 4220

InQuira ID: NFX5820

Title: When a message is uploaded using Mailbox Interface, the message name is altered.

Description: When a message is uploaded using Mailbox Interface, the message name is altered. The value used in the message name is not the same as the file name. The value of message name is a message name used by another Mailbox Interface user.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Mailbox

Escalation ID: QC

Fix ID: 182609

Severity: Normal

Type: Normal Fix

Build: 4220

InQuira ID: NFX5827

Title: Unable to extract 100 MB+ messages using the Mailbox interface.

Description: Increase default `bpResolverTimeout` to 1200 for `MBExtract` in `XLST MBIList`. In test environment, download of large file takes more than 10 minutes for `MBIExtract` to finish and for whatever reason the connection becomes stale when file is extracted and is ready to be streamed back to the client.

Error Message:

```
Close Connection due to InterruptedException:Did not get buffer in 600000 ms  
java.io.InterruptedIOExceotion: Did not get buffer in 600000 ms
```

Resolution: This fix provides an option to change the download behavior; that is, keep the connection fresh by refreshing the request in pre determined intervals. So, when file is extracted there will always be a fresh connection to work with. New property added to `mailbox.property: refreshDownloadRequest`. The default value is `false` which means there is no change to the existing file download behavior. To enable the new behavior set the property to `true`.

Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Mailbox

Escalation ID: 1371574

Fix ID: 181490

Severity: Normal

Type: Normal Fix

Build: 4220

InQuira ID: NFX5939

Title: Improve the performance surrounding deleting a message from a mailbox.

Description: Improve the performance surrounding deleting a message from a mailbox.

Resolution: During a mailbox message delete both the metadata for the message as well as the actual document were being loaded. There is no reason to load the document. The performance improvement comes from only loading the metadata to reset the life span.

Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4318 or later.

Functional Area: Mailbox

Escalation ID: 1372354

Fix ID: 174348, 174349

Severity: Normal

Type: Normal Fix

Build: 4318, 4220

InQuira ID: NFX4980

Title: All messages are returned when the Mailbox Query Service MailboxPath parameter sets the mailbox path in ProcessData

Description: If the MailboxPath parameter is specified in both ProcessData and in the Mailbox Query Service output message and the service is setup to process the Message first then ProcessData, all messages are returned. Or if the MailboxPath parameter is only configured in ProcessData then the Mailbox Query Service again returns all messages instead of only those defined in the MailboxPath parameter.

Error Message: There is no error message, but incorrect results are returned.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Mailbox

Escalation ID: 1372745

Fix ID: 181523

Severity: Normal

Type: Normal Fix

Build: 4220

Performance

InQuira ID: NFX5821

Title: SQL statement being issued over 10,000 times per hour

Description: The following statement is implemented by the application approximately 10000 times per hour:

```
SELECT SID FROM v$session WHERE audsid = userenv (' sessionid')
```

Error Message:

```
[2009-04-19 23:32:28.472] ERROR 000000000000 GLOBAL_SCOPE
DmiVisEventWarehouse.Worker.executeStatementsAsExecutor had a SQL exception from
pstmt: PreparedStatementHelper: SQL: INSERT INTO ACT_SESSION (SESSION_ID,
SESSION_ARCHIVE_ID, CHILD_SESSIONID, CON_START_TIME, CON_END_TIME, IS_LOCAL_INIT,
ADAPTER_NAME, ADAPTER_TYPE, PS_INSTANCE, CON_IS_SUCCESS, PROTOCOL, SECURE_MODE,
ENDPOINT1, ENDPOINT2, ENDPOINT1, ENDPOINT2, STATUS_CODE, ERROR_MSG, START_WFID,
START_WFSTEP, PRINCIPAL, STATE) VALUES(?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?, ?,
?, ?, ?, ?, ?, ?) Values:
[VFDE_FTPServerAdapter_01_essen1_12401767467672313078:10427946,
10427946, null, 2009-04-19 23:32:26.778, 2009-04-19 23:32:26.778, 0,
VFDE_FTPServerAdapter_01_essen1, FtpServerAdapter, Essen01ExcelsiorInput, 1,
FTP, none, 10.210.3.197, 139.7.147.213, 64076, 20021, null, null, -2, -1, null,
Normal]
[2009-04-19 23:32:28.472] ERROR SQL Error Code: 1400
```

```
[2009-04-19 23:32:28.472] ERROR SQL State: 23000
java.sql.SQLException: ORA-01400: cannot insert NULL into
("SI"."ACT_SESSION"."DIS_IS_SUCCESS")
at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java:112)
at oracle.jdbc.driver.T4CTTioer.processError(T4CTTioer.java:331)
at oracle.jdbc.driver.T4CTTioer.processError(T4CTTioer.java:288)
at oracle.jdbc.driver.T4C8Oall.receive(T4C8Oall.java:743)
at oracle.jdbc.driver.T4CPreparedStatement.doOall8(T4CPreparedStatement.java:216)
at
oracle.jdbc.driver.T4CPreparedStatement.executeForRows(T4CPreparedStatement.java:955
)
at
oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(OracleStatement.java:1168)
at
oracle.jdbc.driver.OraclePreparedStatement.executeInternal(OraclePreparedStatement.j
ava:3316)
at
oracle.jdbc.driver.OraclePreparedStatement.execute(OraclePreparedStatement.java:3422
)
at sun.reflect.GeneratedMethodAccessor162.invoke(Unknown Source)
at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25
)
at java.lang.reflect.Method.invoke(Method.java:324)
at
com.sterlingcommerce.woodstock.mailbox.db.SQLWrapper.forwardMethod(SQLWrapper.java:6
5)
at
com.sterlingcommerce.woodstock.mailbox.db.StatementWrapper.invoke(StatementWrapper.j
ava:144)
at $Proxy1.execute(Unknown Source)
at
com.sterlingcommerce.woodstock.dmi.visibility.db.DmiVisEventWarehouse$1.body(DmiVisE
ventWarehouse.java:281)
at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation._runInTransaction(Databa
seOperation.java:301)
at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runInTransaction(Databas
eOperation.java:152)
at
com.sterlingcommerce.woodstock.dmi.visibility.db.DmiVisEventWarehouse$Worker.execute
StatementsAsExecutor(DmiVisEventWarehouse.java:249)
at
com.sterlingcommerce.woodstock.dmi.visibility.db.DmiVisEventWarehouse$Worker.run(Dmi
VisEventWarehouse.java:228)
at java.lang.Thread.run(Thread.java:534)
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Performance

Escalation ID: QC

Fix ID: 183733

Severity: Normal

Type: Normal Fix

Build: 4220

Standards

InQuira ID: NFX5189

Title: CII Deenvelope fails with CII Message Group Non-Compliant Invalid Total Value Items 1

Description: If the Total Item One in the trailer of inbound CII becomes more than 32 bit integer (2,147,483,647), CII Deenvelope fails with the error CII Message Group Non-Compliant Invalid Total Value Items 1. As a syntax rule, the maximum value of Total Item is 15 digits integer (999,999,999,999,999).

Error Message: Error message in the status report of CII Deenvelope service in CIIDeenvelope business process.

26: CII Message Group Non-Compliant Invalid Total Value Items 1

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Standards

Escalation ID: 1372822

Fix ID: 179074

Severity: Normal

Type: Normal Fix

Build: 4220

InQuira ID: NFX5190

Title: Value of total item in CII is wrong when the total becomes more than 32 bit integer

Description: For Total Item 1 in the Message Group trailer of outbound CII, it seems if the total value becomes more than 32 bit integer (2,147,483,647), Gentran Integration Suite does not calculate the value correctly.

Error Message: No error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later

Functional Area: Standards

Escalation ID: 1372823

Fix ID: 179191

Severity: Normal

Type: Normal Fix

Build: 4220

Translator

InQuira ID: NFX5832

Title: Null pointer exception when translating large XML files

Description: Null pointer exception when translating large XML files.

Error Message: null pointer exception

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Translator

Escalation ID: 1372721

Fix ID: 177392

Severity: Normal

Type: Normal Fix

Build: 4220

WebServices

InQuira ID: NFX5825

Title: SOA_MessageHandler fails with error Status report: Error processing SOAP message packageDT: Null report

Description: In SOA_MessageHandler, the default PipelineTimeout is 60 seconds. This value by default is too low and this needs to be set to a higher timeout in order to allow customers to handle larger files. A value of 600 seconds is recommended.

To test:

Check for the following statement in SOA_MessageHandler business process. If this does not exist, then adding the assign above will be enable a workaround for the error.

```
<assign to="PipelineTimeout">600</assign>
```

Error Message:

Status report: Error processing SOAP message packageDT: Null report

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: WebServices

Escalation ID: 1373091

Fix ID: 181327

Severity: Normal

Type: Normal Fix

Build: 4220

Workflow Engine

InQuira ID: NFX5565

Title: SQL DELETE Statements are not autocommitted

Description: Unable to purge a table on Oracle 10GR2 SGBD, when using custom pool and `pool.type` is set to remote. When we execute the request on Oracle directly, there is no problem. When the request is done on Gentran Integration Suite, the result is fine, but nothing is removed on Oracle (the data is not purged, but the database is locked). After investigation, the request is executed, but not committed.

For Gentran Integration Suite, this issue was introduced in Gentran Integration Suite 4.2 Patch 4217. Workaround is to change `pool.type` to local.

Error Message: No error messages given until the connection between Gentran Integration Suite and Oracle is broken where you will then see the rollback begin in Oracle.

Resolution:

Please apply Sterling Integrator, Release 5.0 Build 5001 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Workflow Engine

Escalation ID: 1372845

Fix ID: 180702, 179188

Severity: Normal

Type: Normal Fix

Build: 5001, 4220

InQuira ID: NFX5819

Title: `ORA-0001:unique constraint error(GIS.SCI_PK_152) error appears in system.log`

Description: User sees the following error in the `system.log` file:

```
ORA-0001: unique constarint (GIS.SCI_PK_152)
```

Error Message:

```
ORA-0001: unique constarint (GIS.SCI_PK_152)
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4220 or later.

Functional Area: Workflow Engine

Escalation ID: QC

Fix ID: 183303

Severity: Normal

Type: Normal Fix

Build: 4220

Build 4219 Product Enhancements and Fixes

Build 4219 Product Enhancements

Gentran Integration Suite 4.2, Build 4219 contains the following product enhancements:

- ◆ Adapters - SFTP Client

Adapters - SFTP Client

InQuira ID: ENH623

Title: Add persistence suppression in Gentran Integration Suite 4.3 and Gentran Integration Suite 4.2 for SFTP Client Adapter (SFTP Put and Get Services)

Request Description: Add persistence suppression in Gentran Integration Suite 4.3 and Gentran Integration Suite 4.2 for SFTP Client Adapter (SFTP Put and SFTP Get Services).

SFTP GET and SFTP PUT services need persistence suppression for documents/data in any form.

Request Resolution: Three new parameters have been added to support persistence suppression:

- ◆ DelayWaitingOnIO parameter has been added to the SFTP Client GET and PUT services. These services will wait for the set time (in milliseconds) before going into WAITING_ON_IO state. If the value is 0, the services will always go to WAITING_ON_IO state. If it is negative, they will never go to WAITING_ON_IO state. This prevents the business process from going into WAITING_ON_IO state.
- ◆ disablePersistForDocTracking property has been added to sftp.properties file (found in install/properties.dir). This property has 2 values, True and False (default). If it is set to False, the document tracking is saved; whereas, if it is set to True, document tracking information is not saved as document.persist() call in the adapter is disabled.
- ◆ defaultDelayWaitingOnIO property has been added to sftp.properties file. This property serves as the default value for DelayWaitingOnIO. The default value of this property is 0. If DelayWaitingOnIO service parameter is not set, defaultDelayWaitingOnIO value will be taken as delay value. However, the service parameter always overrides this value.

Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4312 or later.

Escalation ID: 1368985, 1372487 (162407, 175206)

Status: Completed

Build 4219 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4219 in the following areas:

- ◆ Admin UI
- ◆ Connect Direct Interop
- ◆ Graphical Process Modeler
- ◆ Mailbox
- ◆ Map Editor
- ◆ Reporting Services
- ◆ Standards
- ◆ Tracking
- ◆ User Interface

Admin UI

InQuira ID: NFX5172

Title: Create a self signed certificate in Gentran Integration Suite without country name

Description: Currently, while creating self-signed certificate in Gentran Integration Suite, the Country field must be selected.

Trading Partner > Digital Certificates > System > Create Self Signed Certificate

The Country must be selected.

Please fix the defect such that while creating self-signed certificate in Gentran Integration Suite, the Country field is optional (do not have to be selected).

Country name is optional according to <http://www.ietf.org/rfc/rfc2459.txt>.

```
BuiltInStandardAttributes ::= SEQUENCE {
country-name CountryName OPTIONAL,
administration-domain-name AdministrationDomainName OPTIONAL,
network-address [0] NetworkAddress OPTIONAL, -- see also extended-network-address
terminal-identifier [1] TerminalIdentifier OPTIONAL,
private-domain-name [2] PrivateDomainName OPTIONAL,
organization-name [3] OrganizationName OPTIONAL, -- see also
teletex-organization-name
numeric-user-identifier [4] NumericUserIdentifier OPTIONAL,
personal-name [5] PersonalName OPTIONAL, -- see also teletex-personal-name
organizational-unit-names [6] OrganizationalUnitNames OPTIONAL -- see also
teletex-organizational-unit-names --}
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Functional Area: Admin UI

Escalation ID: 1372099

Fix ID: 173309

Severity: Normal

Type: NormalFix

Build: 4219

Connect Direct Interop

InQuira ID: NFX5011

Title: Mailboxing routes fail with IndexOutOfBounds error when using Connect: Direct protocol

Description: The routes fail due to IndexOutOfBounds error when Connect: Direct protocol is used. Some of the files fail with IndexOutOfBounds error exception while using Connect Direct Server Adapter. This issue is specific to checkpointing record access issue.

Error Message: IndexOutOfBounds exception

Resolution: Please apply Gentran Integration Suite, Release 4.3 Build 4317 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 175009, 175516

Severity: Normal

Type: NormalFix

Build: 4317, 4219

InQuira ID: NFX5013

Title: Checkpoint Restart failing after failed transmission using Connect Direct Server Adapter

Description: Checkpoint/restart always restarts from the start in MSSQL 2005.

Recent changes to the connection strings for MSSQL 2005 changed cursor behavior that affected the Connect Direct Server Adapter checkpoint insert/update methods.

Error Message:

```
[2008-11-18 21:57:14.245] ERROR 000000000000 GLOBAL_SCOPE CDServer.notify() -
Exception creating Snode session :
com.sterlingcommerce.cd.oemglue.SnodeLostSessionException:
MSGID=JMGR001I,RC=8,FDBK=1,CLMTHNAME=CdMessenger.recvFmh,
CDTXT="A CONNECT:Direct control message was received (FMH) but no beginning field was
found (BEGN).
```

Please retry the operation. If the problem persists contact your CONNECT:Direct administrator. The field name that was found is ",

```
JTXT=" "  
at  
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.beTheNode(SnodeSessionMediator.  
java:118)  
at  
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.beTheNode(SnodeSessionMediator.  
java:522)  
at  
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.notify(CDServer.ja  
va:1596)  
at  
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServerListener$Notifier.r  
un(CDServerListener.java:212)  
at java.lang.Thread.run(Thread.java:801)
```

Resolution: Please Apply Gentran Integration Suite Version 4.3, Build 4317 or later.

Please Apply Gentran Integration Suite Version 4.2, Build 4219 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1371717

Fix ID: 175350, 175515

Severity: Normal

Type: NormalFix

Build: 4317, 4219

InQuira ID: NFX5014

Title: Connect Direct Server Adapter short-term retries are failing

Description: The short-term retry mechanism is broken. The retry interaction is taking place within a synchronized block causing other threads to block until retries are exhausted. This blocking prevents the session status from being updated.

Error Message: Threads are blocked due to retry logic.

Resolution: Please apply Gentran Integration Suite, Release 4.3 Build 4317 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 175345, 175517

Severity: Normal

Type: NormalFix

Build: 4317, 4219

InQuira ID: NFX5015

Title: Connect Direct Server Adapter writes incomplete records when receiving extended compressed files from zSeries

Description: When a remote zSeries PNODE sends a large (~4GB) binary file with extended compression with an RU size of 16K, the Connect Direct Server Adapter SNODE would miscalculate buffer positioning resulting in the loss (or corruption) of record(s).

Error Message: Received file is corrupt/incomplete.

Resolution: Please apply Gentran Integration Suite, Release 4.3 Build 4317 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1370744

Fix ID: 175347, 175514

Severity: Normal

Type: NormalFix

Build: 4317, 4219

InQuira ID: NFX4608

Title: Connect:Direct Server Adapter Not Notified Of File System Full Condition

Description: If the Connect:Direct Server Adapter is copying a file to the local machine from a remote CD/zOS server, and the local destination file system fills up, no error will be reported to the remote side of the connection during the COPY operation.

Error Message:

```
CDJAVA.log posted error messageId JGIS004E on process 36388 processName EXPCOMP PSED
```

Resolution: The underlying problem here was that the File Full condition is not detected until the file is closed. The bug in Connect Direct Server Adapter was that in this scenario we sent +RSP to the LIC data RU *before* we closed the destination file and so also before we could detect that the File Full error has occurred. We do send the error information in the CTR later but this is too late really as the z/OS node already thinks the file transferred successfully. The code change moves the close operation before the sending of the +RSP so that we can send a -RSP instead if the close gets errors. Testing has shown that when Connect Direct Server Adapter sends -RSP to the LIC, the z/OS node still does not put the Process into timer retry. This is because the error (JGIS004E) is not considered a retryable one by z/OS, which is as it should be. However, Connect Direct Server Adapter should still send -RSP to the LIC in this scenario. The changes for this issue will correct the Connect Direct Server Adapter behavior, but it will be up to CD/zOS whether it retries the Process or not. The changes will also include some related code cleanup to CDJava.

Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1372030

Fix ID: 176284

Severity: Normal

Type: NormalFix

Build: 4219

Graphical Process Modeler

InQuira ID: NFX4776

Title: Graphic Process Modeler does not save non-validated business processes correctly

Description: When creating a new business process with the Graphical Process Modeler, if you select No to Validate on save, you get an error the next time you try to open the file.

The error you receive is:

```
Cannot open business process file : Missing business process file entry
stercomm.bpml.
```

This started happening after patch 4315 was applied.

Error Message:

```
Cannot open business process file : Missing business process file entry
stercomm.bpml.
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4316 or later.

Functional Area: Graphical Process Modeler

Escalation ID: 1372168, 1372234, 1372143

Fix ID: 173792, 173793

Severity: Normal

Type: NormalFix

Build: 4316, 4219

Mailbox

InQuira ID: NFX4826

Title: Using the Mailbox Browser Interface messages with & in the message name cannot be downloaded.

Description: Using Gentran Integration Suite version 4.2 with build 4217. Using the Mailbox Browser Interface (MBI) to download messages. The messages were added to the mailbox using an FTP Client. Messages with an & in the message name cannot be downloaded.

When selecting a message with & in the message name, the Mailbox Search Results panel displays white with no messages displayed. The Mailbox Menu continues to be displayed on the left.

Error Message: No specific error message.

When selecting a message with & in the message name, the Mailbox Search Results panel displays white with no messages displayed.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Functional Area: Mailbox

Escalation ID: 1372282

Fix ID: 174706

Severity: Normal

Type: NormalFix

Build: 4219

InQuira ID: NFX4071

Title: Incorrect error messages in mailbox.log showing permission issue when a user gives a command - "ls <filename>

Description: Incorrect error message is logged in mailbox.log showing permission issue when a user gives a command - "ls " from ftp client.

Error Message:

```
[2008-09-12 20:54:25.175] ALL 000000000000 GLOBAL_SCOPE
PermissionManager.haveMailboxPermission() User does not have mailbox
permission:/global/Bangalore/ABCDE.txt.mbx mailboxPath:/global/Bangalore/ABCDE.txt
user:user1-global
```

Resolution: Please apply Gentran Integration Suite, Release 4.3 Build 4314 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Functional Area: Mailbox

Escalation ID: 1370880, 1372301

Fix ID: 166484, 174129

Severity: Normal

Type: NormalFix

Build: 4314, 4219

Map Editor

InQuira ID: NFX4911

Title: Map Editor crashes when attempting to save the map, deactivate fields or delete a record.

Description: Map Editor crashes when attempting to save the map, deactivate fields or delete a record.

Error Message: Dr.Watson error issued.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later. After the patch has been applied, please download and re-install the Map Editor.

Functional Area: Map Editor

Escalation ID: 1372334

Fix ID: 175795

Severity: Normal

Type: NormalFix

Build: 4219

Reporting Services

InQuira ID: NFX4755

Title: The DBStats Report fails to execute

Description: When attempting to execute the DBStats report on Gentran Integration Suite 4.2 using Microsoft SQL Server 2005 as the database, it will fail with the following error displayed on the screen:

```
Report Generation Error  
Report was not generated. Please see logs for detail error messages.
```

Error Message:

```
Report Generation Error  
Report was not generated. Please see logs for detail error messages.
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Functional Area: Reporting Services

Escalation ID: 1372136

Fix ID: 173131

Severity: Normal

Type: NormalFix

Build: 4219

Standards

InQuira ID: NFX4931

Title: Difference in Status Values for inbound X12 and EDIFACT Acknowledgements

Description: Although the status report for the CONTRL message states that it was unsuccessful (CONTRL – Status Report), the status shown in the process data (which is easily accessible to the business process) is ‘SUCCESSFUL’ (CONTRL – Process Data).

However, the same sort of issue in X12 shows the status which matches the status report.

Error Message: No specific error message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Functional Area: Standards

Escalation ID: 1372408

Fix ID: 174723

Severity: Normal

Type: NormalFix

Build: 4219

Tracking

InQuira ID: NFX4613

Title: The following error repeats in the system.log: "unable to identify a workflow to associate to this document-id"

Description: The following error occurs over and over in the system.log when the ScheduleAssociateBPstoDocs process executes. There is no actual error occurring, it is the system reporting that it could not locate a document that should not exist.

Error Message:

```
[2008-12-17 22:27:40.315] ERROR 000000000000 GLOBAL_SCOPE
[Document].setUserLifeSpanLookupWfId() unable to identify a workflow to associate to
this document- id='mpgisprd202:7b07c0c7:11e48967d30:-5581' user key = 'MBXMSG#97629'
[2008-12-17 22:27:41.159] ERROR 000000000000 GLOBAL_SCOPE
[Document].setUserLifeSpanLookupWfId() unable to identify a workflow to associate to
this document- id='mpgisprd202:7b07c0c7:11e48967d30:-5549' user key = 'MBXMSG#97630'
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Functional Area: Tracking

Escalation ID: 1372040

Fix ID: 172388

Severity: Normal

Type: NormalFix

Build: 4219

User Interface

InQuira ID: NFX4278

Title: Multiple spaces are replaced with a single space when the XML output from the translation service is viewed

Description: In all versions of the Gentran Integration Suite, multiple spaces are replaced with a single space when the XML output from the translation service is viewed in the Document Window of the Business Process Detail. If the output file is extracted to disc using a file system adapter, the data content is correct.

For example, if the correct output data is AAAA BBB, the UI display window will show AAAA BBB. When you review the html of the resulting page, the 7 spaces are preserved in the HTML we create. This means that the browser is removing the extra six spaces.

The problem is that com.sterlingcommerce.woodstock.ui.jspbean.DocRenderBean.buildDocDisplay appends a pre-format <pre> tag to the html if the data is XML; if not, this tag is not written, the browser will normalize the additional spaces in the data.

http://www.w3schools.com/TAGS/tag_pre.asp

Error Message: Incorrect output in display for primary document.

Resolution: The fix will now ensure that the default behavior is that the <pre> is written for both XML and non-XML data types.

Please apply Gentran Integration Suite, Release 4.2 Build 4219 or later.

Functional Area: User Interface

Escalation ID: 1372067

Fix ID: 173476

Severity: Normal

Type: NormalFix

Build: 4219

Build 4218 Product Enhancements and Fixes

Build 4218 Product Enhancements

Gentran Integration Suite 4.2, Build 4218 contains no additional product enhancements.

Build 4218 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4218 in the following areas:

- ◆ Adapters - SFTP

Adapters - SFTP

InQuira ID:NFX5076

Title: SFTP Communication errors after applying patches Gentran Integration Suite 4.2 4217 or Gentran Integration Suite 4.3 4316

Description: SFTP Communication errors after applying patches Gentran Integration Suite 4.2 4217 or Gentran Integration Suite 4.3 4316

SFTP Server or SFTP client communication errors or failing

Errors or issues experienced may include:

- ◆ SFTP Server shutdown before transfer completed
- ◆ Data Corruption using SCP
- ◆ SFTP Client Session Begin receives Array Index Out Of Bounds
- ◆ SFTP Client Session Begin fails after 3rd connection onwards

Resolution: The 3rd party Maverick jar files were upgraded in Gentran Integration Suite 4.2 4217 (NFX4664 Inbound SFTP client authentication KeyExchange fails) and 4.3 4316 (NFX4268 Issue with client authentication in SFTP Server when inbound packets are fragmented) patches which caused the above issues. The upgraded jar files have been reverted to their previous versions.

Maverick jar files reverted back to 1.2.x versions:

◆ Server reverted back to 1.2.12 from 1.4.5

◆ Client reverted back to 1.2.10 from 1.4.4

Please apply Gentran Integration Suite, Release 4.2 Build 4218.

Please apply Gentran Integration Suite, Release 4.3 Build 4317.

Functional Area: Adapters - SFTP

Escalation ID: 1372576, 1372757, 1372557, 1372343

Fix ID: 175918, 175915

Severity: Critical

Type: Normal Fix

Build: 4218, 4317

Build 4217 Product Enhancements and Fixes

Build 4217 Product Enhancements

Gentran Integration Suite 4.2, Build 4217 contains no additional product enhancements.

Build 4217 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4217 in the following areas:

- ◆ Adapters - FTP
- ◆ Adapters - SFTP
- ◆ Admin UI
- ◆ Archiving
- ◆ Connect Direct Interop
- ◆ Connect Direct Server Adapter
- ◆ Crypto Message Service
- ◆ EDI
- ◆ GPM
- ◆ Import/Export
- ◆ Mailbox
- ◆ Single SignOn
- ◆ User Interface
- ◆ WebExtensions
- ◆ Workflow Engine

Adapters - FTP

InQuira ID: NFX3579

Title: FTP Get error leads to wrong update from ACT_XFER.IS_SUCCESS

Description: During one FTP Session several Gets with RemoteFileNames are execute (Loop over the result set of a List). The Get of one file returns an error.

The table act_xfer contains no entry for the failed file. The entry for the last successful file shows ACT_XFER.IS_SUCCESS = 0 instead of 1.

Error Message: Depends on the error during the Get, but the fault is not a wrong business process status, it is only a wrong entry in the database.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4315 or later.

Functional Area: Adapters - FTP

Escalation ID: 1371155

Fix ID: 168831, 168829

Severity: Normal

Type: Normal Fix

Build: 4315, 4217

InQuira ID: NFX3960

Title: After PASV command Gentran Integration Suite FTP Server responds to most Client commands with a 451 message

Description: Using Gentran Integration Suite 4.2 with build 4208 or 4212. Gentran Integration Suite is acting as the FTP Server. After FTP Client sends the PASV command Gentran Integration Suite FTP Server responds to most Client commands with:

```
451 Requested action aborted: session in inconsistent state.
```

FTP Server will accept MODE, SYST, NOOP, TYPE and HELP. But any other command results in FTP server message 451 Requested action aborted: session in inconsistent state.

Error Message: The FTP Client receives the reply -

```
451 Requested action aborted: session in inconsistent state.
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

After applying this fix most FTP Server commands are accepted by Gentran Integration Suite FTP Server after PASV. Note certain commands are not permitted by the FTP protocol - for example PBSZ would be an inappropriate command after the log on sequence.

Functional Area: Adapters - FTP

Escalation ID: 1371285

Fix ID: 168675
Severity: Normal
Type: Normal Fix
Build: 4217

InQuira ID: NFX4253

Title: FTPGet does the NLST but not the RETR on a multiple-doc collection.

Description: Created a business process that list the files on the server and then loops through the list retrieving one file at a time. It does NLST and RETR only for the first file. For the second file onwards it does only the NLST but not RETR (retrieve).

Therefore there is no new primary document to act on.

Error Message: No Error Message.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: Adapters - FTP

Escalation ID: 1371686

Fix ID: 170178
Severity: Normal
Type: Normal Fix
Build: 4217

Adapters - SFTP

InQuira ID: NFX4664

Title: Inbound SFTP client authentication KeyExchange fails

Description: When there is packet fragmentation sent across low bandwidth, the inbound SFTP authentication/KeyExchange fails

Error Message:

SFTP Server Adapter logs:

```
java.io.IOException: Client did not send complete packet in key exchange! Possible  
DoS attack at  
com.maverick.sshd.TransportProtocol.M(Unknown Source) at
```

Resolution: The fix for this issue was to upgrade the 3rd party Maverick jar files in the 4217 patch (1.2.x version to 1.4.x version which included Server from 1.2.12 to 1.4.5 and Client from 1.2.10 to 1.4.4) used in SFTP communication. This upgrade introduced new problems with SFTP communication. The upgrade of these jar files is reverted back in patch 4218.

If Gentran Integration Suite, Release 4.2 Build 4217 has been applied and errors or issues are experienced with SFTP communication then please apply Gentran Integration Suite, Release 4.2 Build 4218.

See NFX5076 “SFTP Communication errors after applying patches Gentran Integration Suite 4.2 4217 or Gentran Integration Suite 4.3 4316” for more information on the issues reported.

Functional Area: Adapters - SFTP

Escalation ID: 1368541

Fix ID: 168821, 175918

Severity: Normal

Type: Normal Fix

Build: 4217, 4218

Admin UI

InQuira ID: NFX3770

Title: Searching for Business Processes -> ALL in Restore Area returns no results

Description: After restoring a data set using the Archive Manager, and then searching the Restore Area from Business Processes -> Advanced Search -> Business Processes, no results are returned when selecting ALL in the Business Processes box.

Error Message:

```
[2008-08-21 09:49:16.822] ERROR 000110010729 WORKFLOW.WORKFLOW.ERR_extractWFDIDs Got an exception in extractWFDIDs .  
SQL Error Code: 209  
SQL State: HY000  
java.sql.SQLException: [Microsoft][SQLServer 2000 Driver for JDBC][SQLServer]Ambiguous column name 'WFD_ID'.
```

Resolution:

Please apply Gentran Integration Suite, Release 4.1.1 Build 1990.

Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4314 or later.

Functional Area: Admin UI

Escalation ID: 1371069, 1371944, 1370904

Fix ID: 166319, 171608, 165946

Severity: Normal

Type: Normal Fix

Build: 1990, 4217, 4314

Archiving

InQuira ID: NFX4299

Title: Possible orphan data in the Gentran Integration Suite database from the AssociateBPsToDocs process

Description: When the Schedule_AssociateDocsToBP process runs to claim unassociated documents in the system, it may leave Document Extension tracking records behind, causing the main data storage table in Gentran Integration Suite to grow.

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4315 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Please apply Gentran Integration Suite, Release 4.1.1 Build 1990.

Please note that applying the Build will only prevent new records from being created, it will not remove records that have already been created in the system. For assistance with removing the existing records (if any), please contact Customer Support.

Functional Area: Archiving

Escalation ID: 1371440

Fix ID: 168746,168860,168859

Severity: Normal

Type: Normal Fix

Build: 1990,4217,4315

Connect Direct Interop

InQuira ID: NFX4298

Title: Deadlocks may occur in Gentran Integration Suite when running concurrent C:D sessions

Description: When using Gentran Integration Suite with SQL Server 2005, deadlocks may occur when running concurrent Connect:Direct sessions

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4315 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 168657,172042

Severity: Normal

Type: Normal Fix

Build: 4315,4217

InQuira ID: NFX4380

Title: Parallel inbound C:D sessions are mixing up users

Description: When two inbound parallel C:D sessions are established, sometimes one session will use the user from another session to collect the data from a mailbox; this fails because that specific file doesn't exist on the mailbox.

The mismatch can be seen on the Communication session where the authentication and the authorization principals do not match.

Error Message:

```
[2008-11-27 04:23:43.823] ERROR 000000000000 GLOBAL_SCOPE (JGIS012E) - File can not
be found
com.sterlingcommerce.woodstock.cdinterop.server.CDInteropCDJavaException: (JGIS012E)
- File can not be found
  at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyUtil.queryLatestMe
ssage(CopyUtil.java:169)
  at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.ReadFromMailbox.preCop
y(ReadFromMailbox.java:88)
  at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyHandler.initiate(C
opyHandler.java:242)
  at com.sterlingcommerce.cd.oemglue.GISFileSystem.initiate(GISFileSystem.java:278)
  at com.sterlingcommerce.cd.oemglue.GISDataMgr.<init>(GISDataMgr.java:127)
  at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.getDataMgr(SnodeSessionMediator
.java:333)
  at com.sterlingcommerce.cd.cdjava.CdCopier.getFileToWrite(CdCopier.java:465)
  at com.sterlingcommerce.cd.cdjava.CdCopier.copySnode(CdCopier.java:326)
  at com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71Copy(CdSnApi.java:1171)
  at com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71(CdSnApi.java:847)
  at com.sterlingcommerce.cd.cdjava.CdSnApi.handleSteps(CdSnApi.java:818)
  at com.sterlingcommerce.cd.cdjava.CdSnApi.handleProcesses(CdSnApi.java:694)
  at com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:100)
  at com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:455)
  at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.beTheNode(SnodeSessionMediator.
java:97)
  at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.beTheNode(SnodeSessionMediator.
java:506)
  at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.notify(CDServer.ja
va:1344)
  at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServerListener$Notifier.r
un(CDServerListener.java:212)
  at java.lang.Thread.run(Thread.java:801)
[2008-11-27 04:23:44.054] ERROR 000000000000 GLOBAL_SCOPE (JGIS015E) - Error when
completing a message extract from
```

```

mailbox[com.sterlingcommerce.woodstock.mailbox.repository.MailboxExtractStateExcepti
on: RepositoryDB.extractAbort() - failed: No hold released on message with Id 0 from
workflow with Id -1 on branch with Id
ASPI_CONNECT_DIRECT_SERVER_CDSEVER_ADAPTER_node1S002914938603L128:27625]
com.sterlingcommerce.woodstock.mailbox.repository.MailboxExtractStateException:
RepositoryDB.extractAbort() - failed: No hold released on message with Id 0 from
workflow with Id -1 on branch with Id
ASPI_CONNECT_DIRECT_SERVER_CDSEVER_ADAPTER_node1S002914938603L128:27625
  at
com.sterlingcommerce.woodstock.mailbox.impl.repositoryImpl.RepositoryDB$7.body(Repos
itoryDB.java:1308)
  at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation._runInTransaction(Databa
seOperation.java:300)
  at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runInTransaction(Databas
eOperation.java:151)
  at
com.sterlingcommerce.woodstock.mailbox.impl.repositoryImpl.RepositoryDB.extractAbort
(RepositoryDB.java:1295)
  at
com.sterlingcommerce.woodstock.mailbox.impl.repositoryImpl.RepositoryImpl.extractAbo
rt(RepositoryImpl.java:470)
  at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.ReadFromMailbox.postCo
py(ReadFromMailbox.java:164)
  at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyHandler.finishData
(CopyHandler.java:396)
  at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyHandler.finishData
(CopyHandler.java:475)
  at
com.sterlingcommerce.cd.oemglue.GISFileSystem.fileCompleted(GISFileSystem.java:89)
  at com.sterlingcommerce.cd.cdjava.ACdCopier.processOsMessages(ACdCopier.java:1676)
  at com.sterlingcommerce.cd.cdjava.ACdCopier.extractOsMsg(ACdCopier.java:1583)
  at com.sterlingcommerce.cd.cdjava.ACdCopier.exchangeCtrs(ACdCopier.java:1557)
  at com.sterlingcommerce.cd.cdjava.CdCopier.copySnode(CdCopier.java:370)
  at com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71Copy(CdSnApi.java:1171)
  at com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71(CdSnApi.java:847)
  at com.

```

Resolution:

Please apply Gentrans Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1371748

Fix ID: 172047

Severity: Normal

Type: Normal Fix

Build: 4217

InQuira ID: NFX4667

Title: Variable Block (VB) support erroneously calculates bdw bit arithmetic and miscopies available data

Description: The VB was incorrectly computed using bit arithmetic. When values are greater than 127, the computation ignored the possibility that they were signed and used addition to compute the resulting length. Negative values (such as 0xff or -1) adversely affected the result.

Resolution: Corrected bit arithmetic logic to account for signed blocks.

Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1371507

Fix ID: 172046

Severity: Normal

Type: Normal Fix

Build: 4217

Connect Direct Server Adapter

InQuira ID: NFX4660

Title: Improvement to CDSA logging granularity specific to compression/decompression with Connect Direct Server Adapter

Description: When compression is enabled, all data being fed into uncompression (Inflate) or compression (deflate) should be logged only if the buffered data is being logged.

Error Message: No error message. Improvement to logging control capabilities.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: Connect Direct Server Adapter

Escalation ID: QC

Fix ID: 172044

Severity: Normal

Type: Normal Fix

Build: 4217

Crypto Message Service

InQuira ID: NFX4661

Title: Crypto Message Service throws NullPointerException when encrypting with revoked certificate. CryptoMessageService

Description: Crypto Message Service throws NullPointerException when encrypting with revoked certificate.

The correct behavior should be to generate proper error message when encrypting with revoked certificate. For example,

```
Processing failed: Exception is thrown when processing Certificate [xxx]: Certificate is revoked.
```

Error Message: NullPointerException

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: Crypto Message Service

Escalation ID: QC

Fix ID: 168530

Severity: Normal

Type: Normal Fix

Build: 4217

EDI

InQuira ID: NFX4673

Title: ACHDeenvelope process is extremely slow

Description: Envelopes are wildcarded.

ACHDeenvelope process is extremely slow and may cause out of memory errors under very high volume.

Resolution: Wildcard envelope information is now cached for faster access and other code changes for better memory management for large files.

With the initial fix, a null pointer exception error occurred when there were duplicate envelopes or the envelope was not found: java.lang.NullPointerException. This has also been corrected so the appropriate error is issued.

Please apply Gentrans Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: EDI

Escalation ID: 1369473, 1369548, 1370291

Fix ID: 171584

Severity: Normal

Type: Normal Fix

Build: 4217

InQuira ID: NFX4308

Title: When X12/EDIFACT Deenvelope Service bootstraps downstream business process, the Translation Report is missing

Description: When X12/EDIFACT Deenvelope Service bootstraps downstream business process, the Translation Report is missing in ProcessData in the bootstrapped business process.

Resolution: Added a new property in the enveloping.properties file, X12TranslationErrorReportName and EdifactTranslationErrorReportName. If these properties are present and not null, then the Status_Report will be written to a document name of the corresponding property value for example:

```
X12TranslationErrorReportName=TranslationReport  
EdifactTranslationErrorReportName=TranslationReport
```

The business process that is configured to process NonCompliant data, in the X12 or Edifact transaction or group Envelopes, will contain the "TranslationReport" node. The Translation Report contains the Status Report for the transaction or group. Previously, this was only available through the base Deenveloping service. The name of the Translation Report is configurable and based on the property value.

When adding these values, it is recommended to use the customer_overrides.properties file instead of updating the enveloping.properties(.in) files directly.

Please apply Gentran Integration Suite, Release 4.1.1 Build 1990.

Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4315 or later.

Functional Area: EDI

Escalation ID: 1369315

Fix ID: 167237, 167243, 167241

Severity: Normal

Type: New Functionality

Build: 1990, 4315, 4217

InQuira ID: NFX2814

Title: ACHDeenvelope service is generating a Primary Document that does not have a record delimiter

Description: ACHDeenvelope service is generating a Primary Document that does not have a record delimiter; i.e. there is not a Carriage Return, Line Feed, or an end of line marker.

This only occurs with the "Delimited EDI Based ACH Application" set for the Message Category in the ACH Batch Level envelope.

Error Message: No error messages are generated

Resolution: The appropriate end of line (EOL) character is added to the document.

Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: EDI

Escalation ID: 1370053

Fix ID: 171584
Severity: Normal
Type: Normal Fix
Build: 4217

GPM

InQuira ID: NFX4319

Title: Saving a PIP in the GPM strips assigns from within the consume service from the business process.

Description: Executing a "Save As" on a PIP Business Process in the GPM strips assigns from within the consume processes. No warnings are giving and the validation completes successfully. An execution of the business process results in hanging/waiting on the consume step.

Error Message: No Errors other than the hanging/waiting is reported.

Resolution:

Please apply Gentran Integration Suite, Release 4.1.1 Build 1990.

Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4315 or later.

See also solution ID NFX3836 Some BPML elements inside element - 'consume' are lost after opening in GPM.

Functional Area: GPM

Escalation ID: 1369996

Fix ID: 163496, 169797, 169806

Severity: Normal

Type: Normal Fix

Build: 4315, 1990, 4217

Import/Export

InQuira ID: NFX4360

Title: Unable to import business process definition into Gentran Integration Suite 4.2

Description: Exported business processes from Gentran Integration Suite 4215 and tried to import those business processes. During import through UI received an error 'There are no valid objects to Import. Please try again.'

The business process import works fine in Gentran Integration Suite 4.3

Error Message: Import failed with -

There are no valid objects to Import. Please try again." (both .xml and .jar format)

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: Import/Export

Escalation ID: 1371719

Fix ID: 170329

Severity: Normal

Type: Normal Fix

Build: 4217

Mailbox

InQuira ID: NFX4655

Title: When down loading a large file using the Mailbox Browser Interface (MBI) the browser window does not close

Description: Using Gentran Integration Suite release 4.2 with build 4212. Using the Mailbox Browser Interface (MBI) to down load large files - 600MB. The file down load completes successfully. But the browser window - opened automatically when the down load started, does not close. When down loading a small file the browser window closes automatically.

Error Message: No error messages found.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

A new browser window is not opened after applying fix.

Functional Area: Mailbox

Escalation ID: 1371291

Fix ID: 171189

Severity: Normal

Type: Normal Fix

Build: 4217

InQuira ID: NFX3894

Title: Importing a Mailbox Evaluate Routing Rule Service can change the value in Mailbox Routing Rule field

Description: Exporting and then Importing a Routing Rule and the Mailbox Evaluate Routing Rule Service breaks the link between the rule and the service.

Error Message:

```
ERROR MailboxEvaluateRoutingRuleService - Caught exception of type  
[com.sterlingcommerce.woodstock.mailbox.router.RoutingRuleNotFoundException], with  
message [Routing Rule not Found: 32b46d61:11cd0954fe6:504d].
```


Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: Mailbox

Escalation ID: 1371250

Fix ID: 167282

Severity: Normal

Type: Normal Fix

Build: 4217

Single SignOn

InQuira ID: NFX4444

Title: After applying patch SSO (Single Session Signon) fails

Description: When user enters userid and password - it is taking them to Gentran Integration Suite User Interface (UI) ADMIN screen not into the mailboxes.

The problem occurred after applying Gentran Integration Suite build 4213.

Single Session Signon worked prior to applying patch.

Error Message:

Authentication log:

```
[2008-11-20 07:57:11.55] ERROR 000000000000 GLOBAL_SCOPE LDAPAuthentication LDAP
authentication has failed with exception for user:karunj
javax.naming.CommunicationException: ldap-it.gene.com:389 [Root exception is
java.net.ConnectException: Connection timed out]
    at com.sun.jndi.ldap.Connection.<init>(Connection.java:204)
    at com.sun.jndi.ldap.LdapClient.<init>(LdapClient.java:119)
    at com.sun.jndi.ldap.LdapClient.getInstance(LdapClient.java:1668)
    at com.sun.jndi.ldap.LdapCtx.connect(LdapCtx.java:2599)
    at com.sun.jndi.ldap.LdapCtx.<init>(LdapCtx.java:290)
    at com.sun.jndi.ldap.LdapCtxFactory.getUsingURL(LdapCtxFactory.java:175)
    at com.sun.jndi.ldap.LdapCtxFactory.getUsingURLs(LdapCtxFactory.java:193)
    at com.sun.jndi.ldap.LdapCtxFactory.getLdapCtxInstance(LdapCtxFactory.java:136)
    at com.sun.jndi.ldap.LdapCtxFactory.getInitialContext(LdapCtxFactory.java:66)
    at javax.naming.spi.NamingManager.getInitialContext(NamingManager.java:662)
    at javax.naming.InitialContext.getDefaultInitCtx(InitialContext.java:243)
    at javax.naming.InitialContext.init(InitialContext.java:219)
    at javax.naming.InitialContext.<init>(InitialContext.java:195)
    at javax.naming.directory.InitialDirContext.<init>(InitialDirContext.java:80)
    at
com.sterlingcommerce.woodstock.security.LDAPAuthentication.isAuthenticated(LDAPAuthen
tication.java:108)
    at
com.sterlingcommerce.woodstock.security.AuthenticationService.isAuthenticated(Authen
ticationService.java:435)
```

```

at
com.sterlingcommerce.woodstock.security.SecurityManager.isAuthenticated(SecurityManager.java:310)
at com.sterlingcommerce.woodstock.security.User.isAuthenticated(User.java:379)
at com.sterlingcommerce.woodstock.ui.UserAuth.isAuthenticated(UserAuth.java:111)
at
com.sterlingcommerce.woodstock.ui.EntityObject.isAuthorized(EntityObject.java:433)
at com.sterlingcommerce.woodstock.ui.servlet.Login.doPost(Login.java:206)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:760)
at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:358)
at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:294)
at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:567)
at org.mortbay.http.HttpContext.handle(HttpContext.java:1807)
at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:525)
at org.mortbay.http.HttpContext.handle(HttpContext.java:1757)
at org.mortbay.http.HttpServer.service(HttpServer.java:879)
at org.mortbay.http.HttpConnection.service(HttpConnection.java:789)
at org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:960)
at org.mortbay.http.HttpConnection.handle(HttpConnection.java:806)
at org.mortbay.http.SocketListener.handleConnection(SocketListener.java:218)
at org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:331)
at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:520)
Caused by: java.net.ConnectException: Connection timed out
at java.net.PlainSocketImpl.socketConnect(Native Method)
at java.net.PlainSocketImpl.doConnect(PlainSocketImpl.java:305)
at java.net.PlainSocketImpl.connectToAddress(PlainSocketImpl.java:171)
at java.net.PlainSocketImpl.connect(PlainSocketImpl.java:158)
at java.net.Socket.connect(Socket.java:461)
at java.net.Socket.connect(Socket.java:411)
at java.net.Socket.<init>(Socket.java:310)
at java.net.Socket.<init>(Socket.java:125)
at com.sun.jndi.ldap.Connection.createSocket(Connection.java:346)
at com.sun.jndi.ldap.Connection.<init>(Connection.java:181)
... 35 more

```

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4217 or later.

Single Session Signon (SSO_) Parameters in the security.properties contained a trailing space. For example: SSO_AUTHENTICATION_ENABLED=true contained a trailing space after the word true. SSO Authentication was not enabled. Removing trailing blanks from SSO_ parameters in security.properties resolved problem. Subsequent fix in future build will cause trailing spaces to be ignored.

Functional Area: Single SignOn

Escalation ID: 1371862

Fix ID: 171583

Severity: Normal

Type: Normal Fix

Build: 4217

User Interface

InQuira ID: NFX3774

Title: Internet Explorer error creating new PGP Profile after applying patch.

Description: Using Gentran Integration Suite patch 4213.

Getting an Operation aborted error when trying to open the PGP profile creator in Gentran Integration Suite after applying patch 4213. Previous patch was 4205.

Deployment -> Adapter Utilities -> PGP Profile Manager -> Create a new PGP Profile generates an error in Internet Explorer:

```
Internet Explorer cannot open the Internet site
http://localhost:42000/wsGetPGPProfile?WizardAction=add&bad=page.pgpmgmt .
Operation Aborted.
```

Error Message:

```
Internet Explorer cannot open the Internet site. Operation aborted.
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: User Interface

Escalation ID: 1371428

Fix ID: 168358

Severity: Normal

Type: Normal Fix

Build: 4217

InQuira ID: NFX1509

Title: Envelope UI becomes extremely slow (unstable) with a large # of envelopes in the system

Description: The envelope UI performance was caused by the following:

```
&middledot;      "Base Envelope" drop down list logic
&middledot;      "Next Envelope" drop down list logic
&middledot;      Sender/Receiver ID AutoComplete caches
&middledot;      primary envelope list query (non distinct)
```

Resolution: Fixes were made in each area identified above to improve performance for systems that have a large number of Envelopes. In addition, parameter was added to override Sender/Receiver caching and prevent UI stalls due to AutoComplete.

The new override can be added to the following properties files:

```
customer_overrides (preferred)
ui.properties
```

The parameter is:

```
autoCompleteEnvelopeIDs=false
```

The above parameter does not exist by default. As well the default behavior without the above parameter is true.

Please apply Gentran Integration Suite, Release 4.1.1 Build 1983 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: User Interface

Escalation ID: 1366209, 1366209

Fix ID: 39401, 38947

Severity: Normal

Type: Normal Fix

Build: 1983, 4217

InQuira ID: NFX4395

Title: export of mailbox delete service as a resource does not work correctly after import

Description: Resource Export of a scheduled Mailbox delete service and mailbox does run correctly after import

Issue with Resource Manager > Export of Mailbox Delete Service. The ID of the Mailbox is exported in the service config instead of the actual mailbox path. See example below from the resource XML file. This means that when the resource is imported into another Gentran Integration Suite system, the Mailbox Delete Service and Scheduled Mailbox Delete Service fail because in the new system, the Mailbox ID does not match (MBX_MAILBOX).

Resource file extract example:

```
<PARAM>
<name>MailboxPath_1</name>
<value>13</value>
</PARAM>
```

Error Message: No error on import but when the schedule runs

```
<STATUS_RPT>ERROR MailboxDeleteService - Caught exception of type
[com.sterlingcommerce.woodstock.mailbox.repository.InvalidMailboxException], with
message [Mailbox: / is invalid].</STATUS_RPT>
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: User Interface

Escalation ID: 1371805

Fix ID: 171194

Severity: Normal

Type: Normal Fix

Build: 4217

WebExtensions

InQuira ID: NFX4637

Title: Gentran Integration Suite 4.2 - 4214 and below - Web Template Designer does not load.

Description: Customer is unable to open the Web Template Designer on Gentran Integration Suite 4.2 4214. Gentran Integration Suite is running on Windows.

Error Message: From the Java Web Start log, the following error is seen:

Category: Download Error

Could not verify signing in resource:
http://<ipaddress>:<port>/webxtools/designer/designer.jar

This is reflected when Gentran Integration Suite is run on Windows or HP-UX operating systems only.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: WebExtensions

Escalation ID: 1371894

Fix ID: 171808

Severity: Normal

Type: Normal Fix

Build: 4217

Workflow Engine

InQuira ID: NFX4659

Title: BPFaultLog service creates duplicate file names when rolling logs

Description: BPFaultLog service creates duplicate file names when rolling, since the timestamp is not generated in 24hrs display but in 12hrs display without am/pm indicator.

Error Message: No Error Message. Duplicate filenames when rolling logs. Overwrites previous log file.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: Workflow Engine

Escalation ID: QC

Fix ID: 168856

Severity: Normal

Type: Normal Fix

Build: 4217

InQuira ID: NFX4662

Title: A Null Pointer Exception error may occur finding the Document ID

Description: When the system attempts to find the ID number of the current Document, it may show a Null Pointer Exception in the logs.

Error Message:

```
[2008-10-02 11:12:40.739] ERROR 000110060035
WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_next1 ActivityEngineHelper.next()
caught Exception
java.lang.NullPointerException
    at org.apache.xerces.dom.ParentNode.nodeListItem(Unknown Source)
    at org.apache.xerces.dom.ParentNode.item(Unknown Source)
    at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.findFirstDoc(WorkFlowContext
.java:1767)
    at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.findFirstDoc(WorkFlowContext
.java:1795)
    at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.findFirstDoc(WorkFlowContext
.java:1795)
    at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.findFirstDoc(WorkFlowContext
.java:1757)
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: Workflow Engine

Escalation ID: QC

Fix ID: 168961

Severity: Normal

Type: Normal Fix

Build: 4217

InQuira ID: NFX2459

Title: The tag in message from service is not correspond with the one specified in the BPML code in FTP client Get Service.

Description: In FTP Client Get Service, input message is overridden with "MessageFromService".

For the FTP Client GET service, the input message is overridden with "MessageFromService". If "Inmsg" is used as the input message for the other services and although "Inmsg" is set as the input message in the FTP Client GET service, "MessageFromService" was used. The result tag name in MessageFromService at FTP Client GET service is <MessageFromService> instead of <Inmsg>.

Error Message: No error

Resolution:

Please apply Gentran Integration Suite 4.3 Build 4315 or later.

Please apply Gentran Integration Suite 4.2 Build 4217 or later.

Functional Area: Workflow Engine

Escalation ID: 1370754

Fix ID: 166067, 168636

Severity: Normal

Type: Normal Fix

Build: 4315, 4217

InQuira ID: NFX2887

Title: Websphere MQ Suite and Multi-Phase Commit in Transactions

Description: The Websphere MQ Suite Commit Service is used in conjunction with the other Websphere MQ Suite services to send and receive messages from a Websphere MQ server. When placed inside a transaction, the Websphere MQ Suite Commit service is ignored as the commit of the transaction takes place when the End Transaction Service is executed. It is conceivable that if the Websphere MQ Server goes down, or connectivity to that server is lost, then the Put would not be committed. This situation was not detected by the system although it was evident from the Websphere MQ Suite logs that the connection was lost to the server. Other steps in the transaction were committed rather than being rolled back.

Error Message:

There is the following error in the WebSphereMQSuite.log :

```
MQException during MQPUT: CC=2 RC=2192
com.ibm.mq.MQException: MQJE001: Completion Code 2, Reason 2192
  at com.ibm.mq.MQQueue.put(MQQueue.java:1510)
  at
com.sterlingcommerce.woodstock.services.wsmqSuite.WSMQPutMsg.doPut(WSMQPutMsg.java:2
15)
  at
com.sterlingcommerce.woodstock.services.wsmqSuite.WSMQPutMsg.putMsg(WSMQPutMsg.java:
130)
  at
com.sterlingcommerce.woodstock.services.wsmqSuite.WSMQImpl.putMessage(WSMQImpl.java:
212)
  at
com.sterlingcommerce.woodstock.services.wsmqSuite.WSMQImpl.processData(WSMQImpl.java
:94)
  at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1577)
  at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:569)
  at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:347)
  at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:277)
```

```
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:192)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:157)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:143)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:332)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:494)
at java.lang.Thread.run(Thread.java:534)
```

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4217 or later.

Functional Area: Workflow Engine

Escalation ID: 1370138

Fix ID: 168011

Severity: Normal

Type: Normal Fix

Build: 4217

Build 4216 Product Enhancements and Fixes

Build 4216 Product Enhancements

Gentran Integration Suite 4.2, Build 4216 contains the following additional product enhancements:

- ◆ Service and Adapter

Service and Adapter

InQuira ID: ENH1151

Title: Need the ability to build and parse cryptographic messages in SMIME, PEM, or DER format

Request Description: Need the ability to build and parse cryptographic messages in SMIME, PEM, or DER format. The requirement must follow Cryptographic Message Syntax (CMS) standard.

Escalation ID: 1369823 (36063)

Status: Completed

Request Resolution: The Cryptographic Message service has been added to build and parse cryptographic messages in SMIME, PEM, and DER format.

Please see <http://www.sterlingcommerce.com/Documentation/GIS42/ServAdaptListPage.htm> for this service for usage information.

Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Build 4216 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4216 in the following areas:

- ◆ Adapters - FTP
- ◆ Adapters - HTTP
- ◆ Archiving
- ◆ Connect Direct Interop

- ◆ Document Encryption
- ◆ EDI
- ◆ GPM
- ◆ Mailbox
- ◆ Security/Encryption Infrastructure
- ◆ Trading Partner Profiles
- ◆ Workflow Engine

Adapters - FTP

InQuira ID: NFX3781

Title: Executing handleREPLY_200Command(IS,b,O) after unsuccessful transition from state [CWD_SENT]

Description: Gentran Integration Suite 4.2 fails during the FTP Client CD service when the far end server replies with a status code of 200 rather than 250.

RFC 959 shows a status code of 250 is the only accepted response, however, the examples for the CWD responses show a 200 code reply.

<http://www.faqs.org/rfcs/rfc959.html>

Error Message:

```
Executing handleREPLY_200Command(IS,b,O) after unsuccessful transition from state [CWD_SENT].
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Adapters - FTP

Escalation ID: 1371068

Fix ID: 166618

Severity: Normal

Type: Normal Fix

Build: 4216

InQuira ID: NFX3831

Title: User has permission to the mailbox, which does not exist.

Description: Gentran Integration Suite 4.2 - 4214.

When user connects to FTP Server Adapter with an account that has a virtual root assigned to it and changes the directory to a sub mailbox, the following error message is logged in the ftp log:

```
"User has a permission to the mailbox which doesn't exist".
```

The mailbox and ftp session behave normally. All files are transferred and there are no other symptoms of failure.

Error Message:

```
[2008-10-01 16:35:15.082] ALL 000000000000 GLOBAL_SCOPE AUDIT: User [ftp_user] from
[**.***.***.*] has logged in using unsecure channel.
[2008-10-01 16:35:15.515] ERROR 000000000000 GLOBAL_SCOPE FtpMailboxDataStore USER
HAS A PERMISSION TO THE MAILBOX WHICH DOESN'T EXIST
[2008-10-01 16:35:16.796] ALL 000000000000 GLOBAL_SCOPE AUDIT: User [ftp_user] from
[**.***.***.*] has quitted.
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Adapters - FTP

Escalation ID: 4945872

Fix ID: 167166

Severity: Normal

Type: Normal Fix

Build: 4216

InQuira ID: NFX4007

Title: FTP Client logs has unnecessary error messages even though ftp sessions are successful

Description: FTP client logs have unnecessary error messages even though ftp sessions are successful. These messages should be present as debug messages and not error messages.

Error Message:

```
We can see following errors in ftpclient.logs [2008-10-24 20:15:21.337] ERROR
000000000000 GLOBAL_SCOPE FtpRequest.init() - The value for ProfileId was found to be
null [2008-10-24 20:15:21.354] ERROR 000000000000 GLOBAL_SCOPE
FtpRequest.getStringParameter() - For ProfileId, the value from getParameters() is
null
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Adapters - FTP

Escalation ID: 1371389

Fix ID: 168076

Severity: Normal

Type: Normal Fix

Build: 4216

Adapters - HTTP

InQuira ID: NFX3971

Title: When the password expires for a user decline authentication and file transfers using WebDAV

Description: Using Gentran Integration Suite 4.1.1 build 1980.

When the password expires for a user decline authentication and file transfers using WebDAV.

When connecting to a Gentran Integration Suite Webdav Server mailbox with a new User Account the change password policy is being ignored.

Error Message:

```
Currently WebDAV allows authentication when password expires and also allows file transfers. Also WebDAV does not enforce change password policy for a new User Account.
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Adapters - HTTP

Escalation ID: 1371041

Fix ID: 167631

Severity: Normal

Type: Normal Fix

Build: 4216

Archiving

InQuira ID: NFX4170

Title: FTP Clients are unable to down load 100/200MB files because the message contents are zero bytes

Description: Using Gentran Integration Suite, Release 4.2 Build 4206 as FTP Server. FTP Clients are unable to down load messages of size 100/200 MB. The message contents are zero bytes. The messages are physically deleted from file system when the messages still exists within Gentran Integration Suite.

Error Message:

No errors are recorded by the FTP Client FTP software.

In the Gentran Integration Suite FTP Server log is the follow exception.

```
[2008-06-19 15:43:43.999] ERROR 000110011282 WORKFLOW.WORKFLOW.ERR_NO_MSG_EXCEP9
NO_MSG_EXCEP
java.io.FileNotFoundException:
/gis_documents/2008/June/0168/nyspedd08_1e4cbc4_11a90c19c91_75b3_WF-1.dat (No such
file or directory)
    at java.io.FileInputStream.open(Native Method)
    at java.io.FileInputStream.<init>(FileInputStream.java:106)
    at java.io.FileInputStream.<init>(FileInputStream.java:66)
```

```

    at
com.sterlingcommerce.woodstock.workflow.DocumentInputStream.readFromFS(DocumentInput
Stream.java:162)
    at
com.sterlingcommerce.woodstock.workflow.DocumentInputStream.read(DocumentInputStream
.java:146)
    at
com.sterlingcommerce.woodstock.workflow.DocumentInputStream.read(DocumentInputStream
.java:136)
    at
com.sterlingcommerce.woodstock.services.ftpserver.server.FtpMailboxDataStore.readBin
ary(FtpMailboxDataStore.java:732)
    at
com.sterlingcommerce.woodstock.services.ftpserver.server.FtpMailboxDataStore.read(Ft
pMailboxDataStore.java:708)
    at
com.sterlingcommerce.woodstock.services.ftpserver.server.FtpFile.read(FtpFile.java:1
47)
    at
com.sterlingcommerce.woodstock.services.ftpserver.server.FtpCommand.handleDataSendRe
trieving(FtpCommand.java:592)
    at
com.sterlingcommerce.woodstock.services.ftpserver.server.FtpCommand.handleDataSendCo
mmand(FtpCommand.java:578)
    at sun.reflect.GeneratedMethodAccessor596.invoke(Unknown Source)
    at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25
)
    at java.lang.reflect.Method.invoke(Method.java:324)
    at
com.sterlingcommerce.woodstock.services.psclientcommon.statemachine.Command.execute(C
ommand.java:102)
    at
com.sterlingcommerce.woodstock.services.psclientcommon.statemachine.StateMachine.han
dleCommand(StateMachine.java:89)
    at
com.sterlingcommerce.woodstock.services.psclientcommon.Session.handleCommand(Session
.java:160)
    at
com.sterlingcommerce.woodstock.services.psclientcommon.ftp.DataTransferAgent.handleD
ataSendEvent(DataTransferAgent.java:156)
    at
com.sterlingcommerce.woodstock.services.psclientcommon.ftp.DataTransferAgent.access$
000(DataTransferAgent.java:42)
    at
com.sterlingcommerce.woodstock.services.psclientcommon.ftp.DataTransferAgent$1.run(D
ataTransferAgent.java:81)
    at
EDU.oswego.cs.dl.util.concurrent.PooledExecutor$Worker.run(PooledExecutor.java:732)
    at java.lang.Thread.run(Thread.java:534)

```

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4216 or later.

Documents on the file system are cloned for the Document Info Service in a parent Business Process. When the parent Business Process is expired and purged, the contents of the original documents/messages are erroneously removed.

Build 4216 addresses this problem only for Gentran Integration Suite using an Oracle Data Base. A future build will address this problem for all Gentran Integration Suite data bases.

Functional Area: Archiving

Escalation ID: 1369979

Fix ID: 163291

Severity: Critical

Type: Normal Fix

Build: 4216

Connect Direct Interop

InQuira ID: NFX4188

Title: CDSA creates duplicate ckpt records in clustered configurations.

Description: Supposing (2) nodes in a cluster and a CDSA is the SNODE, assume the CDSA on node 1 begins a session with any remote CD PNODE. The CDSA enters checkpoint information into the database as the session progresses. If the communication link fails, the CDSA cleans up and returns to wait for incoming connections. The remote side cleans up and waits for the retry interval time period. When the period expires, the remote initiates a RESTART session to resume transmission. The load balancer serves the request to the CDSA on node 2.

The CDSA on node 2 does not find the checkpoint information collected by the CDSA on node 1 for this previous attempt, so a new (duplicate) set of info is entered into the database and a new document is created.

If the line goes down a second time, the session will resume with the CDSA on node 1 using the checkpoint info collected during the initial session. If all goes well, the transfer completes resulting in (2) documents; one is complete, the other is only a partial document.

Error Message:

There are no error messages however, two files are received in which the first file received is a partial file and the second file received is complete resulting in two documents being received by Gentran Integration Suite.

Resolution: Corrected logic in the Connect Direct Server Adapter so the correct checkpoint record is found in the database.

Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1371011

Fix ID: 167110

Severity: Normal

Type: Normal Fix

Build: 4216

InQuira ID: NFX4190

Title: Improve CDSA Logging

Description: Transfer times are severely impacted when logging is enabled for CDJava. At present upto 6 bytes additional bytes of data are logged for every byte of file data transmitted.

This enhancement provides the capability to log data read from (written to) the file system, data sent from (or received into) the data buffer, tcp send (or receive), and/or info internal buffer state.

Error Message: No error messages in logfiles however, Gentran Integration Suite system performance is severely impacted when the cdinterop_cdjava.log file is enabled.

Resolution:

Enhanced logging control is implemented as a property file. It resides in the properties subdirectory in the Gentran Integration Suite production installation directory and is named cdinterop-log.properties.

1. Use a text editor to make the desired changes to cdinterop-log.properties file

```
$ vi cdinterop-log.properties
```

2. Save the file.
3. Changes take affect at the start of the next session.

Eight new parameters have been introduced to provide control over the logging of highly redundant events.

The following syntax is used when specifying logging control:

```
<property> = ON | OFF
```

Where:

file.read - Controls whether or not file data read from the Gentran Integration Suite file system is logged to the cdinterop_cdjava.log file. If not specified, the default value is NO.

file.write - Controls whether or not file data written to the Gentran Integration Suite file system is logged to the cdinterop_cdjava.log file. If not specified, the default value is NO.

data.in - Controls whether or not data received from the Connect:Direct protocol COPY BUFFER from the remote node is logged to the cdinterop_cdjava.log file. If not specified, the default value is NO.

data.out - Controls whether or not data sent in the Connect:Direct protocol COPY BUFFER to the remote node is logged to the cdinterop_cdjava.log file. If not specified, the default value is NO.

buffer.in - Controls whether or not buffer input activity is logged to the cdinterop_cdjava.log file. Some examples of buffer activity include the tracking the processing point in the buffer, remaining count of bytes unprocessed and last-in-chain events. If not specified, the default value is NO.

buffer.out - Controls whether or not buffer output activity is logged to the cdinterop_cdjava.log file. Some examples of buffer activity include the tracking the processing point in the buffer, remaining count of bytes unprocessed and last-in-chain events. If not specified, the default value is NO.

tcp.rcv - Controls whether or not the tcp receive activity is logged to the cdinterop_cdjava.log file. If not specified, the default value is NO.

tcp.send - Controls whether or not the tcp send activity is logged to the cdinterop_cdjava.log file. If not specified, the default value is NO.

Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1370847

Fix ID: 167105

Severity: Normal

Type: Normal Fix

Build: 4216

InQuira ID: NFX4191

Title: VB datatype transfers sometimes fail with I/O errors at the zSeries SNODE

Description: When the CDSA is the PNODE and sends a file (with BinaryMode=VB) to a CD zSeries node, large file sometimes fail to transfer resulting in I/O errors (data corrupted). This behavior depends on the particular file characteristics.

Error Message:

This problem manifested itself when the block descriptor word (BDW) was the final value in the internal buffer. The BDW describes the length of the following blocked data. When this was the final two bytes of the buffer, a logic bug allowed a second call to read to consume all remaining bytes of data before refilling it. Since there were none, this erroneous call appeared to the caller as if the end-of-file had been detected.

Resolution: The logic has been corrected preventing the erroneous call. Now the internal buffer is correctly refilled and process continues until true end-of-file.

Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1370864

Fix ID: 167101

Severity: Normal

Type: Normal Fix

Build: 4216

InQuira ID: NFX3798

Title: Inbound Connect:Direct session will sometimes be refused with msg JSNA001I and no session retry will be done

Description: An inbound session from a remote Connect:Direct session that exceeds the session limits for the adapter can issue a JSNA00I error indicating a NETMAP check failure instead of the standard session limits exceeded error. Unlike the session limit error which will retry, the NETMAP check error is not considered to be retried so the inbound process will fail at this point.

Resolution: The CDSA now sends the "SVTM082I" response message ID when the snode session limit has been exceeded:

Session Limits of &class exceeded, Session Rejected
adjacent node per the NETMAP parameter, SESS.SNODE.MAX. The
session is rejected.
SYSTEM ACTION: The process is terminated.

The remote pnode will place the process into the retry queue upon receiving this message.

Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1371081

Fix ID: 168138

Severity: Normal

Type: Normal Fix

Build: 4216

InQuira ID: NFX4212

Title: Partial document can be deleted before being resumed when using Connect:Direct Server adapter and checkpointing.

Description: When using the Connect:Direct Server adapter and checkpointing, if a transfer is interrupted, the partial document becomes eligible to purge.

Error Message: If the partial document has been purged, the transfer will restart from the beginning, losing the partial transfer.

This is not the intended behavior. The checkpoint is intended to allow the Connect:Direct Server adapter to restart the transfer from the checkpoint and only transfer the part of the document that wasn't transferred in the interrupted connection.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

This will change the behavior to make sure the partial document is not eligible to purge until the transfer is completed.

Functional Area: Connect Direct Interop

Escalation ID: 1371311

Fix ID: 168141

Severity: Normal

Type: Normal Fix

Build: 4216

InQuiraID: NFX4195

Title: Modified session limits configured for a remote node in the CDSA netmap appear as erroneous adapter netmap node names

Description: Modified session limits configured for a remote node in the CDSA netmap appear as erroneous adapter netmap node names in confirmation screens in the UI.

Session limits may be configured for individual remote nodes appearing in the CDSA netmap. When configured, the confirmation page correctly displays the configured session limit, however, it would then display an erroneous entry in the CDSA's netmap with a node name corresponding to the value of the session limit. For example, if a SNODE session limit of 5 was configured with remote node CD.CHICAGO in the netmap for CDSA-1, the UI confirmation page would display an additional remote node in CDSA-1's netmap with a name "5."

Error Message: No error message. Additional netmap node names displayed incorrectly.

Resolution: The Administration UI now correctly displays the CDSA configuration when session limits are defined for remote nodes appearing the CDSA netmap.

Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4315 or later.

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 168149, 168391

Severity: Normal

Type: Normal Fix

Build: 4216, 4315

Document Encryption

InQuira ID: NFX2465

Title: Documents taking a long time to decrypt when using Document Encryption capability

Description: The time to decrypt documents when using document encryption is very long. Decrypt time is almost 20x longer than the encrypt process. This occurs when using Document encryption capability.

Error Message:

No error. Business processes will take a long time in the decryption of files that have been encrypted using the Document encryption functionality.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Document Encryption

Escalation ID: 1370498

Fix ID: 165799

Severity: Normal

Type: Normal Fix

Build: 4216

EDI

InQuira ID: NFX4122

Title: Entries left in the EDI Sequence Check queue cause failures in subsequent runs of the EDI Post Processor service.

Description: If Duplicate or Sequence checking and an inbound EDI document fails with a compliance error, entries may be left in the EDI Sequence check queue, causing the EDI Post Processor service to fail on subsequent documents.

Error Message:

```
[2008-03-26 09:19:37.189] ERROR 000110070158
WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting to execute service EDIPostProcessor
java.lang.NullPointerException
    at
com.sterlingcommerce.woodstock.services.edi.postprocessor.EDIPostProcessorServiceImpl.processData(EDIPostPr
ocessorServiceImpl.java:375)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHe
lper.java:1577)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineH
elper.java:569)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:
347)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.jav
a:277)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:192
)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.j
ava:157)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.j
ava:143)
    at com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:332)
    at com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:494)
    at java.lang.Thread.run(Thread.java:568)
```

Resolution: This issue has been corrected in Patch 4216 for Gentran Integration Suite version 4.2. Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: EDI
Escalation ID: 1370628
Fix ID: 163885
Severity: Normal
Type: Normal Fix
Build: 4216

GPM

InQuira ID: NFX3836

Title: Some BPML elements inside element - 'consume' are lost after opening in GPM

Description: Some BPML element of business process - PIP3A4_Seller_Private inside element - 'consume' are lost after opening and saving Business process in GPM.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: GPM
Escalation ID: 1368686
Fix ID: 165110
Severity: Normal
Type: Normal Fix
Build: 4216

Mailbox

InQuira ID: NFX4172

Title: Unable to extract the messages over 100MB from Mailbox interface

Description: Using Gentran Integration Suite, Release 4.2 Build 4206 Mailbox Browser Interface. Messages over 100 MB cannot be successfully down loaded.

Error Message:

```
d21ade51605f6d5e:1fdc96c:11c9bad8d93:-7fd5  
[2008-10-03 09:20:30.068] ALL 000000000000 GLOBAL_SCOPE [Login]: User session created  
for admin  
[2008-10-03 09:20:30.145] ALL 000000000000 GLOBAL_SCOPE PRODUCT PREFIX IS : GC  
[2008-10-03 09:20:30.145] ALL 000000000000 GLOBAL_SCOPE LICENSE maxTP extension value  
is: -1  
[2008-10-03 09:20:30.145] ALL 000000000000 GLOBAL_SCOPE LICENSE RUNTIME extension  
value is: null  
[2008-10-03 09:20:30.145] ALL 000000000000 GLOBAL_SCOPE C:D Server Adapter Limit is:  
-1
```

```
[2008-10-03 09:20:30.146] ALL 000000000000 GLOBAL_SCOPE C:D Server Adapter Net Map
Limit is: -1
[2008-10-03 09:20:30.155] ALL 000000000000 GLOBAL_SCOPE [Login] as2Refresh property
is set to : true
[2008-10-03 09:43:46.559] ERROR 000000000000 GLOBAL_SCOPE BusinessProcessResolver
Exception - Workflow [MBIExtract] did NOT complete before request timed out.
[2008-10-03 09:43:46.566] ERROR 000000000000 GLOBAL_SCOPE FormToXML.processRequest()
- Exception [BusinessProcessResolver Exception - Workflow [MBIExtract] did NOT
complete before request timed out.]
com.sterlingcommerce.woodstock.workflow.WorkFlowException: BusinessProcessResolver
Exception - Workflow [MBIExtract] did NOT complete before request timed out.
    at
com.sterlingcommerce.woodstock.webx.xforms.plug.si.BusinessProcessResolver.initiateW
orkFlow(BusinessProcessResolver.java:738)
    at
com.sterlingcommerce.woodstock.webx.xforms.plug.si.BusinessProcessResolver.initiateW
orkFlow(BusinessProcessResolver.java:620)
    at
com.sterlingcommerce.woodstock.webx.xforms.plug.si.BusinessProcessResolver.resolveG
etDocument(BusinessProcessResolver.java:568)
    at
com.sterlingcommerce.woodstock.webx.xforms.plug.si.FormToXML.processRequest(FormToXM
L.java:356)
    at
com.sterlingcommerce.woodstock.webx.xforms.plug.si.FormToXML.doGet(FormToXML.java:53
2)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:740)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
    at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:358)
    at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:
294)
    at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:567)
    at org.mortbay.http.HttpContext.handle(HttpContext.java:1807)
    at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:52
5)
    at org.mortbay.http.HttpContext.handle(HttpContext.java:1757)
    at org.mortbay.http.HttpServer.service(HttpServer.java:879)
    at org.mortbay.http.HttpConnection.service(HttpConnection.java:789)
    at org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:960)
    at org.mortbay.http.HttpConnection.handle(HttpConnection.java:806)
    at org.mortbay.http.SocketListener.handleConnection(SocketListener.java:218)
    at org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:331)
    at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:520)
[2008-10-03 09:46:49.584] ERROR 000000000000 GLOBAL_SCOPE BusinessProcessResolver
Exception - Workflow [MBIExtract] did NOT complete before request timed out.
[2008-10-03 09:46:49.591] ERROR 000000000000 GLOBAL_SCOPE FormToXML.processRequest()
- Exception [BusinessProcessResolver Exception - Workflow [MBIExtract] did NOT
complete before request timed out.]
com.sterlingcommerce.woodstock.workflow.WorkFlowException: BusinessProcessResolver
Exception - Workflow [MBIExtract] did NOT complete before request timed out.
    at
com.sterlingcommerce.woodstock.webx.xforms.plug.si.BusinessProcessResolver.initiateW
orkFlow(BusinessProcessResolver.java:738)
```

```
at
com.sterlingcommerce.woodstock.webx.xforms.plugin.si.BusinessProcessResolver.initiateWorkflow(BusinessProcessResolver.java:620)
at
com.sterlingcommerce.woodstock.webx.xforms.plugin.si.BusinessProcessResolver.resolveGetDocument(BusinessProcessResolver.java:568)
at
com.sterlingcommerce.woodstock.webx.xforms.plugin.si.FormToXML.processRequest(FormToXML.java:356)
at com.sterlingcommerce.woodstock.webx.xforms.plugin.si.FormToXML.doGet(FormToXML
```

Resolution: The MBIList Style Sheet (XLST) contains several instances to start Business Process MBIExtract with bpResolverTimeout=360. The instance being invoked for this download did not contain bpResolverTimeout=360 so the default was bpResolverTimeout=60.

Due to size of the files this customer set the bpResolverTimeout=1200.

The default bpResolverTimeout=360 was added to all instances that invoke Business Process MBIExtract. Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Mailbox

Escalation ID: 1371223

Fix ID: 167099

Severity: Normal

Type: Normal Fix

Build: 4216

Security/Encryption Infrastructure

InQuira ID: NFX2801

Title: Unable to check-in certificate with 3 character country code in Gentran Integration Suite 4.2

Description: 2 character country code is specified per the standard. Unable to check-in a certificate with 3 character country code in Gentran Integration Suite 4.2.

Error Message:

Error on check-in:

```
"The file you specified does not contain any valid certificates. Please try again."
```

Resolution: Incorporated new security/encryption libraries from Certicom.

Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Security/Encryption Infrastructure

Escalation ID: 1369033

Fix ID: 158988

Severity: Normal

Type: New Functionality

Build: 4216

Trading Partner Profiles

InQuira ID: NFX4196

Title: Unable to add same code to a code list after deleting it from list

Description: Unable to add same code to a code list after deleting it from list.

If the code list is created as follows:

Sender	Receiver	Desc
Sender	Receiver	SR00
Sender	Receiver1	SR01
Sender1	Receiver	SR02

(Don't click on next)

If you sort the list by sender code or receiver code and delete the following item from the list:

Sender	Receiver	SR00
--------	----------	------

And now try to enter same code again:

Sender	Receiver	SR00
--------	----------	------

An error occurs:

"One of the new code already exists in the list. Please try again with a unique Sender Code and a unique Receiver Code."

If the code list entries are not sorted then the entry can be successfully deleted and re-added.

Error Message:

One of the new code already exists in the list. Please try again with a unique Sender Code and a unique Receiver Code.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Trading Partner Profiles

Escalation ID: QC

Fix ID: 165996

Severity: Normal

Type: Normal Fix

Build: 4216

Workflow Engine

InQuira ID: NFX2904

Title: Document/Messages over 10MB stored in the data base are inaccessible after PURGE

Description: This problem is occurring when using Gentran Integration Suite 4.2 with 4206 or 4212. Documents/messages over 10MB are being purged when the parent Business Process is Purged. The Child Business Process still points to the documents/messages purged with the parent Business Process.

The document/messages are accessible using Deployment > Mailboxes > Messages. The proper size is reported. When trying to view the message contents the messages are down loaded with zero bytes.

Error Message: No error messages are reported.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Workflow Engine

Escalation ID: 1370115

Fix ID: 162996

Severity: Critical

Type: Normal Fix

Build: 4216

InQuira ID: NFX3727

Title: An error message is being written to the Workflow Log over and over but no business processes are failing

Description: The WorkFlow Log is constantly logging the following, but no Business Processes are failing or reporting any errors:

```
ERROR 000120011429 WORKFLOW.WORKFLOW.DEB_WorkFlowManager_getWFHasNoWFD2
WorkFlowManager.getWFHasNoWFD sql : Select distinct WORKFLOW_ID from WORKFLOW_CONTEXT
where not exists (select WFD_ID from WFD)
[2008-09-22 13:31:03.866] ERROR 000120011430
WORKFLOW.WORKFLOW.DEB_WorkFlowManager_getWFHasNoWFD11 WorkFlowManager.getWFHasNoWFD
sql from WF_INST_S : select distinct WORKFLOW_ID from WF_INST_S where WFD_ID not in
(select WFD_ID from WFD)
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Workflow Engine

Escalation ID: 1371085

Fix ID: 166679

Severity: Normal

Type: Normal Fix

Build: 4216

InQuira ID: NFX3889

Title: Mail MIME service reverses path to documents

Description: The Mail MIME service reverses the absolute path to documents specified in Gentran Integration Suite 4.1.1, build 1978.

Error Message:

Document not found.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4216 or later.

Functional Area: Workflow Engine

Escalation ID: 1371210

Fix ID: 167064

Severity: Normal

Type: Normal Fix

Build: 4216

Build 4215 Product Enhancements and Fixes

Build 4215 Product Enhancements

Gentran Integration Suite 4.2, Build 4215 contains the following additional product enhancements:

- ◆ Adapters - SFTP Client
- ◆ Service and Adapter

Adapters - SFTP Client

InQuira ID: ENH1040

Title: Add proxy support for SFTP client

Request Description: Gentran Integration Suite does not support SFTP client communicating to SFTP server through proxy.

Escalation ID: 1352158 (163645, 165364)

Status: Completed

Request Resolution:

Configuring proxy support for SFTP client adapter:

1. Login to Administration interface.
2. Select **Deployment > Services > Configuration**.
3. Create new service and click **Go**.
4. In Service Type field, enter SFTP Client Adapter and click **Next**.

5. Specify field settings:

Name - Name this adapter will have in Application

Select a Group - Select one of the options.

Perimeter Server - List of perimeter servers, including local-mode perimeter servers. Required.

Minimum Number of Threads - A tuning parameter that indicates the range of threads available for handling events to improve performance. See Performance and Tuning for more information. Must be less than or equal to Maximum Number of Threads value. Required.

Maximum Number of Threads - A tuning parameter that indicates the range of threads available for handling events to improve performance. See Performance and Tuning for more information. Must be greater than or equal to Minimum Number of Threads value. Required.

LocalPortRange - Any valid port number(s) not being used by another application running on the system. A port in the specified range will be used to establish an SSH channel to the remote SFTP server. Optional.

Use Proxy Server - Select Yes to use proxy server

Proxy hostname - A valid proxy server hostname or IP address to use as a gateway.

Proxy port - Listen port number for the proxy server.

Proxy Retries – The number of attempts to connect to proxy server if connection is unsuccessful.

Use proxy basic authentication - Whether user authentication is required for the proxy server.

Proxy username - Username to connect to the proxy server.

Proxy password - Password to connect to the proxy server.

6. Click **Finish**. The service is saved and is available for business processes.**Connecting to the proxy server:**

1. Connect to proxy server.
2. Send CONNECT request with authentication information in the headers.
3. Receive HTTP response success message.
4. Start treating the connection as a new socket.

Please apply Gentran Integration Suite, Release 4.1 Build 1989 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Service and Adapter**InQuira ID: ENH1067**

Title: XML digital signature service is not available

Request Description: XML digital signature service is not available in Gentran Integration Suite.

Escalation ID: 1366547 (165820)

Status: Completed

Request Resolution: The XML digital signature service signs or verifies the XML signature. It provides integrity and confidentiality of XML documents and messages.

The XML digital signature service in Gentran Integration Suite supports the following types of XML signatures:

- ◆ Enveloped (default) - signature of either an entire document or a document fragment where the XML signature is embedded within the signed document.
- ◆ Enveloping - signature where signed data is embedded within XML signature structure.
- ◆ Detached - signature where the signed entities are not attached to the actual signature fragment.
- ◆ Combination (combination of enveloped, enveloping, and detached)

Steps to import a KeyCert into Gentran Integration Suite

1. Login to Gentran Integration Suite.
2. Select **Trading Partner** -> **Digital Certificates** -> **Trusted**.
3. Select New Certificate under Check in.
4. Select the certificate and click **Next**.
5. Enter the Certificate Name and click **Next**.
6. Review and click **Finish**.
7. You can use this certificate in your BPML associated with the appropriate field (signCertificateIdentifier).

Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Build 4215 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4215 in the following areas:

- ◆ Adapters - FTP
- ◆ AS2
- ◆ Connect Direct Interop
- ◆ Graphical Process Modeler
- ◆ Import/Export
- ◆ Mailbox
- ◆ Trading Partner Profiles
- ◆ Translator
- ◆ User Interface

Adapters - FTP

InQuira ID: NFX3828

Title: Gentran Integration Suite acting as an FTPS client fails after sending PBSZ during SSL/TLS FTP handshake

Description: Using Gentran Integration Suite 4.2.0 build 4208. During FTPS hand shake Gentran Integration Suite sends PBSZ after AUTH TLS before USER and PASS. This command sequence is unacceptable to this FTP server and the server responds with 530 User not logged in.

Error Message:

```
SSL EXPLICIT SecureFTP.mandtbank.com
> AUTH TLS
234 AUTH Successful
> PBSZ 0
530 User not logged in.
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Functional Area: Adapters - FTP

Escalation ID: 1368032

Fix ID: 37943

Severity: Normal

Type: Normal Fix

Build: 4215

AS2

InQuira ID: NFX2415

Title: Fixed AS2SendASyncMDN to still reconcile MDN when contract was not created by AS2 Wizard.

Description: Under rare circumstance the AS2SendASyncMDN would not go into the reconcile MDN logic.

For this to happen, a trading partner needed to be set up outside of the AS2 Wizard.

When this happened, a contract lookup would not find the AS2 Partner MDN timeout information (because there is no timeout information because it is not an AS2 partner).

With no timeout information, the logic for checking the MDN was skipped.

The fix is to assume the default/minimum timeout if none is found and wait and process the MDN.

Error Message: There is no error. The AS2SendASyncMDN would not wait and check the MDN returning from the trading partner.

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4312 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Functional Area: AS2
Escalation ID: 1369666
Fix ID: 162523, 161754
Severity: Normal
Type: Normal Fix
Build: 4312, 4215

Connect Direct Interop

InQuira ID: NFX3502

Title: Using Gentran Integration Suite Connect:Direct server adapter during a restart mainframe DCB attributes are not properly specified

Description: Using Gentran Integration Suite 4.3 4302 with the Gentran Integration Suite Connect:Direct Server Adapter. During a Connect:Direct restart of a CopyTo to a mainframe Connect:Direct the DCB attributes are not properly specified.

Error Message: No error in Gentran Integration Suite or the Connect:Direct mainframe. The mainframe file is allocated with improper attributes and the data is unusable.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4312 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1369699

Fix ID: 164105, 164114

Severity: Normal

Type: Normal Fix

Build: 4312, 4215

InQuira ID: NFX3603

Title: Connect:Direct Primitive Begin Session service throws 'NumberFormat' Exception

Description: CD Begin Session service throws java.lang.NumberFormatException when ProcessName param begins with uppercase "B".

The test for 'B' assumes that a numeric string follows and if not, a numericFormat exception is thrown. This exception is not caught and the following string is not checked for numeric values so this must go wrong.

When this Exception happens the PNode count is already increased.

The beginSession is then forced into the recovery loop (Wait Service).

This pnodeSession count is not decremented when the business process is terminated (completed in the retry loop).

Error Message:

```
Primitive Begin Session Status_Report: Caught exception of type
[java.lang.NumberFormatException], with message [For input string: "ABUSKA"].
```

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4312 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1370638

Fix ID: 163594, 164234

Severity: Normal

Type: Normal Fix

Build: 4312, 4215

InQuira ID: NFX3637

Title: Connect Direct Server Adapter fails checkpoint restart when sending to zOS

Description: Connect Direct Server Adapter fails checkpoint restart when sending to zOS causing the retry to start from the beginning of the file instead of the last checkpoint.

Error Message:

```
com.sterlingcommerce.cd.oemglue.DisconnectException:
com.sterlingcommerce.cd.cdjava.CdPnDisconnException:
MSGID=JMGR012I,RC=8,FDBK=1,CLMTHNAME=CdMessenger.sendCommBuffer,
CDTXT="A communications error occurred while trying to send a message.
Please retry the operation. If the problem persists contact your CONNECT:Direct
administrator. Additional JAVA error information is ",
JTXT="Conduit is closed : CloseCode.CONNECTION_RESET"

at
com.sterlingcommerce.cd.oemglue.SessionMediator.disconnect(SessionMediator.java:132)
at com.sterlingcommerce.cd.oemglue.DisconnectStep.execute(DisconnectStep.java:55)
at
com.sterlingcommerce.cd.oemglue.PnodeSessionMediator.execute(PnodeSessionMediator.java:332)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.PNodeConnection.execute(PNodeConnection.java:282)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.PNodeConnection.close(PNodeConnection.java:673)
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.copyTo(CDServer.java:1533)
```



```
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.
copyTo(CDServerAdapterLittleAImpl.java:268)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:64)
at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43
)
at java.lang.reflect.Method.invoke(Method.java:615)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:275)
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java
:838)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:801)
[2008-04-04 11:57:04.755] ERROR 000000000000 GLOBAL_SCOPE
CDServerCopyToService.primitiveProcessData() - detected the remote node
exception[JCPS015I]
com.sterlingcommerce.woodstock.cdinterop.server.CDInteropRemoteNodeException:
JCPS015I
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.copyTo(CDServer.ja
va:1541)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.
copyTo(CDServerAdapterLittleAImpl.java:268)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:64)
at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43
)
at java.lang.reflect.Method.invoke(Method.java:615)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:275)
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java
:838)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:801)
at
sun.rmi.transport.StreamRemoteCall.exceptionReceivedFromServer(StreamRemoteCall.java
:263)
at sun.rmi.transport.StreamRemoteCall.executeCall(StreamRemoteCall.java:239)
at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:141)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl_
Stub.copyTo(Unknown Source)
```

```

at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerCopyToService.primitiveProcessData(CDServerCopyToService.java:250)
at
com.sterlingcommerce.woodstock.services.cdinterop.CDService$1.run(CDService.java:94)
at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runContained(DatabaseOperation.java:108)
at
com.sterlingcommerce.woodstock.services.cdinterop.CDService.processData(CDService.java:92)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1671)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:559)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:339)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:323)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:202)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:163)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:149)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:331)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:496)
at java.lang.Thread.run(Thread.java:801)
[2008-04-04 11:57:04.756] ERROR 000000000000 GLOBAL_SCOPE [CDServerCopyToService] - setting WFC Status to SUCCESS and COPY status to NEED_RESTART with Advanced Status [Connect:Direct Server Error]
com.sterlingcommerce.woodstock.cdinterop.server.CDInteropRemoteNodeException:
JCPS015I
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.copyTo(CDServer.java:1541)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.copyTo(CDServerAdapterLittleAImpl.java:268)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:64)
at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
at java.lang.reflect.Method.invoke(Method.java:615)

```

```
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:275)
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java
:838)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:801)
at
sun.rmi.transport.StreamRemoteCall.exceptionReceivedFromServer(StreamRemoteCall.java
:263)
at sun.rmi.transport.StreamRemoteCall.executeCall(StreamRemoteCall.java:239)
at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:141)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl_
Stub.copyTo(Unknown Source)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerCopyToService.primi
tiveProcessData(CDServerCopyToService.java:250)
at
com.sterlingcommerce.woodstock.services.cdinterop.CDService$1.run(CDService.java:94)
at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runContained(DatabaseOpe
ration.java:108)
at
com.sterlingcommerce.woodstock.services.cdinterop.CDService.processData(CDService.ja
va:92)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1671)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:559)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:339)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:323)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQuee
eListener.java:202)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:163)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:149)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:3
31)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor
.java:496)
```

```
at java.lang.Thread.run(Thread.java:801)
[2008-04-04 11:57:05.172] ERROR 000000000000 GLOBAL_SCOPE
com.sterlingcommerce.woodstock.cdinterop.SessionNotFoundException: Couldn't find
Session [Cap1Eps_CDSEVER_ADAPTER_node1P0532919739L94286:737604]
at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.endSession(CDServe
r.java:888)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.
endSession(CDServerAdapterLittleAImpl.java:261)
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:64)
at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43
)
at java.lang.reflect.Method.invoke(Method.java:615)
at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:309)
at sun.rmi.transport.Transport$1.run(Transport.java:168)
at java.security.AccessController.doPrivileged(AccessController.java:275)
at sun.rmi.transport.Transport.serviceCall(Transport.java:164)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:506)
at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java
:838)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:912)
at java.lang.Thread.run(Thread.java:801)
at
sun.rmi.transport.StreamRemoteCall.exceptionReceivedFromServer(StreamRemoteCall.java
:263)
at sun.rmi.transport.StreamRemoteCall.executeCall(StreamRemoteCall.java:239)
at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:141)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl_
Stub.endSession(Unknown Source)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerEndSessionService.p
rimitiveProcessData(CDServerEndSessionService.java:79)
at
com.sterlingcommerce.woodstock.services.cdinterop.CDService$1.run(CDService.java:94)
at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runContained(DatabaseOpe
ration.java:108)
at
com.sterlingcommerce.woodstock.services.cdinterop.CDService.processData(CDService.ja
va:92)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1671)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:559)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:339)
```

```

at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:323)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:202)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:163)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:149)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:331)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:496)
at java.lang.Thread.run(Thread.java:801)

```

Resolution: Corrected checkpoint problem that includes seek failure when seeking to the restart position, checkpoint record collision (update/delete) and missing random access file support.

Please apply Gentran Integration Suite, Release 4.3 Build 4312 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1369352

Fix ID: 158171, 164112

Severity: Normal

Type: Normal Fix

Build: 4312, 4215

Graphical Process Modeler

InQuira ID: NFX3836

Title: Some BPML elements inside element - 'consume' are lost after opening in GPM

Description: Some BPML element of business process - PIP3A4_Seller_Private inside element - 'consume' are lost after opening and saving Business process in GPM.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Functional Area: Graphical Process Modeler

Escalation ID: 1368686

Fix ID: 165110

Severity: Normal

Type: Normal Fix

Build: 4215

Import/Export

InQuira ID: NFX3381

Title: Unexpected Filter By Feature Behavior in the Export/Import Resource Option

Description: Export Resources > Mailbox > Mailbox > Mailbox Routing Rules screen, User enters a string to filter data and search on, User then clicks the filter symbol, the resultant screen shows nothing (even though there are entries matching the search criteria).

If the user selects 'Back', this brings them back Export Resources, Mailboxes screen, check 'Mailbox Routing Rules' then click Next, the screen does not list any entries. It requires the user to cancel and start all over.

Error Message: None

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Functional Area: Import/Export

Escalation ID: 1370701

Fix ID: 165133

Severity: Normal

Type: Normal Fix

Build: 4215

Mailbox

InQuira ID: NFX3268

Title: Improper/Incorrect behavior on MBI Search

Description: Improper/incorrect behaviors in MBI Search.

1. The default date and time shown automatically based on the current system date/time. However, the AM/PM dropdown box always indicates PM even if it is AM. The AM/PM dropdown box also should display the value based on current time.
2. For 1:00 to 9:59, the format shown as a default is H:mm. However, if we try to modify the minutes to '00' manually, an error "Invalid Time Format. Time format is HH:MM" comes up.
 - >> If really HH:mm format is only allowed, the default value should be HH:mm like '09:30'.
 - >> If H:mm format is allowed too, '00' minutes can be entered without any error.
3. It seems that the time format is 12 hour format. However, if we mistyped it with 24 hour format like '15:45' instead of '3:45'/'03:45', an error message "Invalid Time Format. Time format is HH:MM" comes up. Here the alert message is not properly set in this case, because actually '15:45' is HH:MM

format. To avoid any confusion, the message should be something like "Invalid Time Format. Time format is HH:MM (12 hour format)".

Error Message: No Error Message.

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4312 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Functional Area: Mailbox

Escalation ID: 1370407

Fix ID: 163898, 163897

Severity: Normal

Type: Normal Fix

Build: 4312, 4215

InQuira ID: NFX3634

Title: Mailbox Delete Service deletes all mailbox messages if passing an invalid MessageId in an xpath statement.

Description: Mailbox Delete Service deletes all mailbox messages if passing an invalid MessageId in an xpath statement causing all messages below the virtual root directory to be deleted.

Error Message: No error message because the MessageId parameter is not null when using an xpath statement.

Resolution: Added validation to the MessageId parameter to ensure that it contains a valid value not just a null value.

Please apply Gentran Integration Suite, Release 4.3 Build 4312 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Functional Area: Mailbox

Escalation ID: 1369024

Fix ID: 163610, 163611

Severity: Normal

Type: Normal Fix

Build: 4312, 4215

Trading Partner Profiles

InQuira ID: NFX3319

Title: Receiver codes inside a codelist gets deleted in bulk if one code is deleted

Description: If a code list has more than one entry with the same receiver code, and the entries are sorted by receiver code, all entries with that receiver code are deleted when one is deleted.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4312 or later.

Functional Area: Trading Partner Profiles

Escalation ID: 1370545

Fix ID: 163566, 163565

Severity: Normal

Type: Normal Fix

Build: 4312, 4215

Translator

InQuira ID: NFX1734

Title: JDBC map writing to mysql does not rollback on numeric errors.

Description: JDBC map writing to mysql does not rollback on numeric errors.

Resolution: If the input data for a field is invalid for a numeric (non-numeric in the data), we will report an error for the Output side, in the translation status report & will not write output to the database.

If the input data for a numeric field is too long or too short on output, we will now report an error for the Output side, in the translation status report & will not write output to the database.

Please apply Gentran Integration Suite, Release 4.1.1 Build 1985 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Functional Area: Translator

Escalation ID: 1367092

Fix ID: 41559, 165346

Severity: Normal

Type: Normal Fix

Build: 1985, 4215

User Interface

InQuira ID: NFX3221

Title: Access to Envelope UI screens slows down including if just viewing envelope information

Description: Large number of maps and/or envelopes

Access to Envelope UI screens slows down including if just viewing envelope information.

Gentran Integration Suite UI Envelopes screens extremely slow when trying to view the envelope screens that contain the maps or business process. Also, extremely slow when trying to view envelopes outside of the source manager.

This slowness may go away with application Restart.

Error Message: No errors associated. Gentran Integration Suite processes would run fine with no affect in performance. However, the users notice a slowdown in the UI.

Resolution:

Please apply Gentran Integration Suite, Release 4.1.1 Build 1989 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4215 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4312 or later.

Functional Area: User Interface

Escalation ID: 1370559

Fix ID: 164475, 164481, 164477

Severity: Normal

Type: Normal Fix

Build: 1989, 4215, 4312

InQuira ID: NFX3426

Title: Session expires when clicked on return from central search page

Description:

Steps to reproduce:

1. Go to central search and search for any business process.
2. Once the results show up, restart one of the business processes.
3. New pop up window will open showing the execution steps of restarted business process. Close this window.
4. Click Return on Restart Business Process window.
5. Click Return on Business Process Detail window.

Following error message is displayed:

"Warning: Page has Expired

The page you requested was created using information you submitted in a form. This page is no longer available. As a security precaution, Internet Explorer does not automatically resubmit your information for you.

To resubmit your information and view this Web page, click the Refresh button. "

Error Message:

Error in UI:

"Warning: Page has Expired

The page you requested was created using information you submitted in a form. This page is no longer available. As a security precaution, Internet Explorer does not automatically resubmit your information for you.

To resubmit your information and view this Web page, click the Refresh button. "

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4215 or higher.

Functional Area: User Interface

Escalation ID: 1370691

Fix ID: 165656

Severity: Normal

Type: Normal Fix

Build: 4215

Build 4214 Product Enhancements and Fixes

Build 4214 Product Enhancements

Gentran Integration Suite 4.2, Build 4214 contains no additional product enhancements.

Build 4214 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4214 in the following areas:

- ◆ Adapters
- ◆ Adapters - FTP
- ◆ Adapters - WebSphereMQ Suite
- ◆ AFT
- ◆ Connect Direct Interop
- ◆ Import/Export
- ◆ Install
- ◆ InstallService
- ◆ Map Editor
- ◆ Perimeter Servers
- ◆ Platform
- ◆ Standards
- ◆ Translation/De-Envelope
- ◆ Translator
- ◆ User Accounts
- ◆ User Interface

Adapters

InQuira ID: NFX3441

Title: AFT Routes are timing out at 15 minutes

Description: AFTRoutes that take longer than 15 minutes due to large file being PGP encrypted are timing out at 15 minutes instead of the calculated values in the aft.properties file.

Settings from aft.properties that pertain:

```
routing.bplauncher.initialwaittimes=15
routing.bplauncher.initialsleepTime=100
routing.bplauncher.secondarywaittimes=2700
routing.bplauncher.secondarysleepTime=2000
routing.pgp.cmdlineadapter.sockettimeout=360000
```

Error Message: The afrouting.log file shows the following and according to the calculation in the aft.properties file should calculate out as $(15 * 100 = 1500 \text{ ms} / 1000 = 1.5 \text{ seconds}) + (2700 * 2000 = 5400000 \text{ ms} / 1000 = 5400 \text{ seconds} / 60 = 90 \text{ minutes})$ for a total of 90 minutes and 1.5 seconds before failing.

```
[2008-04-21 15:19:27.778] DEBUG 000720030001 AFT.BPLAUNCHER.DEB_BPPollingSettings
Business process polling settings: initialWaitTimes = 15, initialSleepTime = 100,
secondaryWaitTimes = 2700, secondarySleepTime = 2000
[2008-04-21 15:19:27.804] DEBUG 000720030005 AFT.BPLAUNCHER.DEB_BPStarted Business
process AFTRoutePackageDocument started. Workflow ID = 1533261.
[2008-04-21 15:19:27.804] DEBUG 000720030006
AFT.BPLAUNCHER.DEB_WaitingForBPToComplete Waiting for AFTRoutePackageDocument,
workflow ID = 1533261 to complete
[2008-04-21 15:34:42.636] ERROR 000710030004 AFT.BPLAUNCHER.ERR_BPDidNotFinish The
business process AFTRoutePackageDocument, workflow ID = 1533261 did not finish within
the polling time.
```

Resolution: Corrected the WorkFlowLauncher when launching the AFTRoutePackageDocument business process to make a use of the property routing.pgp.cmdlineadapter.sockettimeout=240000 in the aft.properties file.

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Functional Area: Adapters

Escalation ID: 1369110

Fix ID: 160063

Severity: Normal

Type: Normal Fix

Build: 4214

Adapters - FTP

InQuira ID: NFX3450

Title: Inconsistency in storing MBOX_PATH in Gentran Integration Suite ACT_XFER table between FTP PUT and GET operations.

Description: When performing a FTP GET operation against the Gentran Integration Suite FTP Server Adapter the entry in MBOX_PATH of ACT_XFER table shows the virtual path of mailbox instead of the actual mailbox path where the file is stored.

This is not consistent with FTP PUT operation where the full actual mailbox path is stored in MBOX_PATH of ACT_XFER table.

Error Message: No Errors.

Resolution: The fix stores the full actual mailbox path correctly for the FTP GET operation against FTP Server Adapter in MBOX_PATH column of ACT_XFER table.

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Functional Area: Adapters - FTP

Escalation ID: 1370296

Fix ID: 162851

Severity: Normal

Type: Normal Fix

Build: 4214

Adapters - WebSphereMQ Suite

InQuira ID: NFX3449

Title: Incorrect MQ environment version notice displayed in WebSphereMQSuite debug logs

Description: The logs show "MQEnvironment version_notice=MQSeries classes for Java V5.2.0" even though WebSphere MQ classes V6.0.0 libraries (com.ibm.mq jar) are installed using install3rdParty.

Error Message: No errors.

Resolution: The fix will output the correct version of MQ classes installed using install3rdParty in WebSphereMQSuite logs when set to debug mode.

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Functional Area: WebSphereMQ Suite Adapter

Escalation ID: 1366704

Fix ID: 32289

Severity: Normal

Type: Normal Fix

Build: 4214

AFT

InQuira ID: NFX3460

Title: Change AFT_ROUTE business processes to system default file storage when applying a build

Description: When you apply a build to Gentran Integration Suite 4.2, the AFT_ROUTE business processes are set to use database for file storage regardless of what they were set to before.

Error Message: N/A

Resolution: Apply Gentran Integration Suite 4.2 build 4214 or later.

This will set the AFT_ROUTE business processes to the system default file storage.

Functional Area: AFT

Escalation ID: 1365952

Fix ID: 163184

Severity: Normal

Type: Normal Fix

Build: 4214

Connect Direct Interop

InQuira ID: NFX3398

Title: Large numbers of Connect Direct inflate threads appear in thread dumps and keep growing until Gentran Integration Suite is restarted.

Description: Gentran Integration Suite system experiences extreme slowdown in processing and CPU utilization jumps to 100%.

Thread dumps show “compression” threads from CD adapter.

Netstat will show connections that do not close properly when this issue occurs. Also, inbound connections will start to fail because the session limit for inbound connections will eventually be reached.

Gentran Integration Suite communication sessions show the status as "In Progress" and this never changes.

Resolution: There is a possibility that the last data buffer where Gentran Integration Suite is the receiver might not be fully processed. The case where this could happen is rare, and occurs if ZLIB compression on a non-secure session where CDJava is the receiver filled the last data buffer to within 20 bytes of the negotiated RU size. This is corrected to detect that there is residual data and process it normally.

Please apply Gentran Integration Suite, Release 4.3 Build 4310 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

More information is available under Gentran Integration Suite Product Alert (PAL54): Connect:Direct Server Adapter file transfer and compression issue

Functional Area: Connect Direct Interop

Escalation ID: 1369585

Fix ID: 163417, 163215

Severity: Normal

Type: Normal Fix

Build: 4214, 4310

InQuira ID: NFX2824

Title: Gentran Integration Suite is processing incomplete buffer sent by C:D trading partner

Description:

Problem Overview

The problem is caused by Gentran Integration Suite processing an incomplete data buffer, the residual data left in the buffer is then incorrectly interpreted as an invalid FMH7402, which terminates the connection. Gentran Integration Suite continues to process the data leading to a "down stream" data corruption. C:D UNIX receives an invalid response while waiting for the acknowledging FMH7402 and retries the process, this leads to a looping scenario with multiple corrupt files being sent and processed by Gentran Integration Suite.

Error Message:

```
EXCEPTION: MSGID=JMGR001I,RC=8,FDBK=1,CLMTHNAME=CdMessenger.recvFmh,CDTXT="A
CONNECT:Direct control message was received (FMH) but no beginning field was found
(BEGN).Please retry the operation. If the problem persists contact your
CONNECT:Direct administrator. The field name that was found is ",JTXT=""
```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4310 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1370059

Fix ID: 163420, 163216

Severity: Normal

Type: Normal Fix

Build: 4310, 4214

InQuira ID: NFX2558

Title: During a restart of a file transfer from Connect:Direct to Gentran Integration Suite the transfer starts at the beginning of the file

Description: During a restart of a file transfer from Connect:Direct mainframe to Gentran Integration Suite the transfer starts at the beginning of the file.

Connect:Direct mainframe is pushing a multi-volume tape data set to Gentran Integration Suite. During the first file transfer, check points are taken at 200MB. The first transfer attempt fails. During the restart, the file is sent from the beginning. The file check points appear to be ineffective in allowing the restart to start where file transfer failed the first time.

Error Message: In Gentran Integration Suite CD java log are exceptions during the first file transfer. These exceptions occurred during the check point (FMH80) exchange as shown in the Gentran Integration Suite CD interop log at bottom. No errors during the restart attempt.

Cdjava log

```
[2008-06-16 11:35:31.641] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
getting bytes out of byte buffer:
[2008-06-16 11:35:31.641] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
wrote number of bytes: 65536
[2008-06-16 11:35:31.641] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
Exiting - buffer.length - 65536
[2008-06-16 11:35:31.641] DEBUG 000000000000 GLOBAL_SCOPE
DocumentWritingConduitImpl.write() - Exiting - status [true]
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CopyHandler.getFilePointer() - Entering
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
AbstractDocumentConduitImpl.getFilePointer - rapFile is not null and filepointer is
1001154.
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CopyHandler.getFilePointer() - Exiting - filepointer [1001154]
[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
CDJavaRestartVector.printRestartElement(Object) - Entering - this [3] - DocIdVector
[3] - copyHandler
[com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.copy.CopyHandler@6b606b6]
[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
CDJavaRestartVector.printRestartElement(Object) - RestartTableElement - NodeName
[STERLING.SCINDMC1] - SubmitTime [2008168 11351136] - processNumber [25256]
[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
CDJavaRestartVector.add(Object) - ReceiverCheckPoint [-419, 0, 0, 0, 0, ]
[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
CDJavaRestartVector.printRestartElement(Object) - SenderCheckPoint [
[-84,-19,0,5,115,114,0,43,99,111,109,46,115,116,101,114,108,105,110,103,99,111,109,1
09,101,114,99,101,46,99,100,46,99,100,106,97,118,97,46,67,100,83,101,114,105,97,108,
67,107,112,116,0,0,0,0,1,-121,4,2,0,10,73,0,7,98,108,107,115,105,122,101,73,0,5,10
8,114,101,99,108,73,0,13,112,114,111,99,101,115,115,78,117,109,98,101,114,90,0,3,115
,101,116,76,0,5,100,115,111,114,103,116,0,18,76,106,97,118,97,47,108,97,110,103,47,8
3,116,114,105,110,103,59,91,0,16,114,101,99,101,105,118,101,114,67,107,112,116,73,11
0,102,111,116,0,2,91,74,76,0,5,114,101,99,102,109,113,0,126,0,1,91,0,14,115,101,110,
100,101,114,67,107,112,116,73,110,102,111,116,0,3,91,91,66,76,0,14,115,117,98,109,10
5,116,68,97,116,101,84,105,109,101,113,0,126,0,1,76,0,10,115,117,98,109,105,116,78,1
11,100,101,113,0,126,0,1,120,112,0,0,106,27,0,0,4,-99,0,0,98,-88,1,116,0,4,80,83,32,
32,117,114,0,2,91,74,120,32,4,-75,18,-79,117,-109,2,0,0,120,112,0,0,0,5,0,0,0,0,0,15
,66,36,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,116,0,4,70,66
,32,32,117,114,0,3,91,91,66,75,-3,25,21,103,103,-37,55,2,0,0,120,112,0,0,0,5,117,114
,0,2,91,66,-84,-13,23,-8,6,8,84,-32,2,0,0,120,112,0,0,0,8,1,2,64,0,41,0,0,19,112,112
,112,112,116,0,16,50,48,48,56,49,54,56,32,49,49,51,53,49,49,51,54,116,0,15,65,67,88,
73,79,77,46,65,67,88,78,68,77,67,49,] [] [] [] []]
```



```

[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
CDJavaRestartVector.printRestartElement(Object) - End restartTableElement
[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
TwoWayDocumentConduitImpl.getDocumentId() - getting documentId
[cwygcn01:11a7df6ae60:636068] from writingHalf
[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
CDJavaRestartVector.add(Object) - Entering - LocalNodeName [EDGECERT] - docId
[cwygcn01:11a7df6ae60:636068]
[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
CDJavaRestartVector.doesElementExist() - Entering - nodeName[STERLING.SCINDMC1] -
processNumber [25256] - submitDateTime [2008168 11351136]
[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
CDJavaRestartVector.doesElementExist() - Exiting - Found Element - index [-1]
[2008-06-16 11:35:31.657] DEBUG 000000000000 GLOBAL_SCOPE Update Checkpoint:
AutoCommit : true
[2008-06-16 11:35:31.657] DEBUG 000000000000 GLOBAL_SCOPE java.lang.Exception: Stack
Dump (Thread: Thread-84459)
    at com.sterlingcommerce.woodstock.util.FlatUtil.stackTrace(FlatUtil.java:924)
    at com.sterlingcommerce.woodstock.util.FlatUtil.stackTrace(FlatUtil.java:912)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.db.RepositoryDB$.body(Repo
sitoryDB.java:85)
    at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation._run(DatabaseOperation.j
ava:257)
    at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.run(DatabaseOperation.ja
va:123)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.db.RepositoryDB.writeRestar
tCkPt(RepositoryDB.java:82)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDJavaRestartVector.add(CD
JavaRestartVector.java:114)
    at com.sterlingcommerce.cd.cdjava.ACdCopier.saveCkptInfo(ACdCopier.java:1810)
    at com.sterlingcommerce.cd.cdjava.ACdCopier.takeCkpt(ACdCopier.java:1081)
    at com.sterlingcommerce.cd.cdjava.ACdCopier.recvData(ACdCopier.java:402)
    at com.sterlingcommerce.cd.cdjava.CdCopier.doSnodeCopy(CdCopier.java:791)
    at com.sterlingcommerce.cd.cdjava.CdCopier.copySnode(CdCopier.java:346)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71Copy(CdSnApi.java:1174)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71(CdSnApi.java:850)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleSteps(CdSnApi.java:821)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleProcesses(CdSnApi.java:697)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:100)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:458)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:382)
    at com.sterlingcommerce.cd.cdjava.CDApi.beSnode(CDApi.java:135)
    at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.beTheNode(SnodeSessionMediator.
java:164)
    at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.beTheNode(SnodeSessionMediator.
java:497)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.notify(CDServer.ja
va:1462)

```

```

    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServerListener$Notifier.run(CDServerListener.java:212)
    at java.lang.Thread.run(Thread.java:801)

[2008-06-16 11:35:31.662] ERROR 000000000000 GLOBAL_SCOPE
RepositoryDB.writeRestartCkPt()
com.microsoft.sqlserver.jdbc.SQLServerException: Must declare the scalar variable
"@POFOR".
    at
com.microsoft.sqlserver.jdbc.SQLServerException.makeFromDatabaseError(Unknown
Source)
    at com.microsoft.sqlserver.jdbc.IOBuffer.processPackets(Unknown Source)
    at
com.microsoft.sqlserver.jdbc.SQLServerPreparedStatement.getPrepExecResponse(Unknown
Source)
    at
com.microsoft.sqlserver.jdbc.SQLServerPreparedStatement.doExecutePreparedStatement(U
nknown Source)
    at
com.microsoft.sqlserver.jdbc.SQLServerPreparedStatement$PreparedStatementExecutionRe
quest.executeStatement(Unknown Source)
    at com.microsoft.sqlserver.jdbc.CancelableRequest.execute(Unknown Source)
    at com.microsoft.sqlserver.jdbc.SQLServerConnection.executeRequest(Unknown
Source)
    at
com.microsoft.sqlserver.jdbc.SQLServerPreparedStatement.executeQuery(Unknown Source)
    at sun.reflect.GeneratedMethodAccessor124.invoke(Unknown Source)
    at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43
)
    at java.lang.reflect.Method.invoke(Method.java:615)
    at
com.sterlingcommerce.woodstock.mailbox.db.SQLWrapper.forwardMethod(SQLWrapper.java:6
2)
    at
com.sterlingcommerce.woodstock.mailbox.db.StatementWrapper.invoke(StatementWrapper.j
ava:144)
    at $Proxy1.executeQuery(Unknown Source)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.db.RepositoryDB$9.body(Repo
sitoryDB.java:736)
    at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation._runInTransaction(Databa
seOperation.java:300)
    at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runInTransaction(Databas
eOperation.java:151)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.db.RepositoryDB.getUniqueID
FromDB(RepositoryDB.java:725)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.db.RepositoryDB.access$100(
RepositoryDB.java:63)

```

```

    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.db.RepositoryDB$.body(Repo
sitoryDB.java:97)
    at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation._run(DatabaseOperation.j
ava:257)
    at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.run(DatabaseOperation.ja
va:123)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.db.RepositoryDB.writeRestar
tCkPt(RepositoryDB.java:82)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDJavaRestartVector.add(CDJ
avaRestartVector.java:114)
    at com.sterlingcommerce.cd.cdjava.ACdCopier.saveCkptInfo(ACdCopier.java:1810)
    at com.sterlingcommerce.cd.cdjava.ACdCopier.takeCkpt(ACdCopier.java:1081)
    at com.sterlingcommerce.cd.cdjava.ACdCopier.recvData(ACdCopier.java:402)
    at com.sterlingcommerce.cd.cdjava.CdCopier.doSnodeCopy(CdCopier.java:791)
    at com.sterlingcommerce.cd.cdjava.CdCopier.copySnode(CdCopier.java:346)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71Copy(CdSnApi.java:1174)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleFM71(CdSnApi.java:850)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleSteps(CdSnApi.java:821)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.handleProcesses(CdSnApi.java:697)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:100)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:458)
    at com.sterlingcommerce.cd.cdjava.CdSnApi.beSnode(CdSnApi.java:382)
    at com.sterlingcommerce.cd.cdjava.CDApi.beSnode(CDApi.java:135)
    at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.beTheNode(SnodeSessionMediator.
java:164)
    at
com.sterlingcommerce.cd.oemglue.SnodeSessionMediator.beTheNode(SnodeSessionMediator.
java:497)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.notify(CDServer.ja
va:1462)
    at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServerListener$Notifier.r
un(CDServerListener.java:212)
    at java.lang.Thread.run(Thread.java:801)
[2008-06-16 11:35:31.662] DEBUG 000000000000 GLOBAL_SCOPE
CDJavaRestartVector.add(Object) has successfully ADDED the restart element into
database
[2008-06-16 11:35:31.662] DEBUG 000000000000 GLOBAL_SCOPE
CDJavaRestartVector.add(Object) - Exiting
[2008-06-16 11:35:31.672] DEBUG 000000000000 GLOBAL_SCOPE
DocumentWritingConduitImpl.write() - Entering - bb.length[65536] - startIdx [0] -
length [1182]
[2008-06-16 11:35:31.672] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
Entering - buffer.length - 65536 - numToWrite - 1182
[2008-06-16 11:35:31.672] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
getting bytes out of byte buffer:
[2008-06-16 11:35:31.672] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
wrote number of bytes: 65536

```

```

[2008-06-16 11:35:31.672] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
Exiting - buffer.length - 65536
[2008-06-16 11:35:31.672] DEBUG 000000000000 GLOBAL_SCOPE
DocumentWritingConduitImpl.write() - Exiting - status [true]
[2008-06-16 11:35:31.673] DEBUG 000000000000 GLOBAL_SCOPE
DocumentWritingConduitImpl.write() - Entering - bb.length[65536] - startIdx [0] -
length [1182]
[2008-06-16 11:35:31.673] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
Entering - buffer.length - 65536 - numToWrite - 1182
[2008-06-16 11:35:31.673] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
getting bytes out of byte buffer:
[2008-06-16 11:35:31.673] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
wrote number of bytes: 65536
[2008-06-16 11:35:31.673] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
Exiting - buffer.length - 65536
[2008-06-16 11:35:31.673] DEBUG 000000000000 GLOBAL_SCOPE
DocumentWritingConduitImpl.write() - Exiting - status [true]
[2008-06-16 11:35:31.675] DEBUG 000000000000 GLOBAL_SCOPE
DocumentWritingConduitImpl.write() - Entering - bb.length[65536] - startIdx [0] -
length [1182]
[2008-06-16 11:35:31.675] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
Entering - buffer.length - 65536 - numToWrite - 1182
[2008-06-16 11:35:31.675] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
getting bytes out of byte buffer:
[2008-06-16 11:35:31.675] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
wrote number of bytes: 65536
[2008-06-16 11:35:31.675] DEBUG 000000000000 GLOBAL_SCOPE DocRAF_FSWriter.write() -
Exiting - buffer.length - 65536
[2008-06-16 11:35:31.675] DEBUG 000000000000 GLOBAL_SCOPE
DocumentWritingConduitImpl.write() - Exiting - status [true]
[2008-06-16 11:35:31.676] DEBUG 000000000000 GLOBAL_SCOPE
DocumentWritingConduitImpl.write() - Entering - bb.length[65536] - startIdx [0] -
length [1182]

```

Cdinterop log

```

[2008-06-16 11:35:31.641] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | |
| | | | writing data len:1182
[2008-06-16 11:35:31.642] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | |
| | | | Exited GISFileSystem.write():, Return Value = VOIDjava.lang.String;VOID
[2008-06-16 11:35:31.642] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | |
| | | | Entered CdMessenger.recvCommBuffer():
[2008-06-16 11:35:31.642] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | |
| | | | reading inputStream:ConduitStreamPair{CDINTEROPLOGGER.EN}-is 16
[2008-06-16 11:35:31.65] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | |
| | | | Data in on Socket: 54435032000200100000006800000000 32
[2008-06-16 11:35:31.65] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | |
| | | | reading inputStream complete:ConduitStreamPair{CDINTEROPLOGGER.EN}-is 16

```

```

[2008-06-16 11:35:31.65] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | ConduitStreamPair{CDINTEROPLOGGER.EN}-is
BUFFERDATA 16
[2008-06-16 11:35:31.65] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | reading inputStream:ConduitStreamPair{CDINTEROPLOGGER.EN}-is 108
[2008-06-16 11:35:31.65] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | Data in on Socket: 54435032000200100000006800000000 108
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | reading inputStream complete:ConduitStreamPair{CDINTEROPLOGGER.EN}-is 108
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | ConduitStreamPair{CDINTEROPLOGGER.EN}-is
BUFFERDATA 124
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | dataLength returned:104, nextblob:16234, avail:104, rh:82000000
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 COMM TRACE RECEIVE Jun 16, 2008
11:35:31 AM
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 RH VALUE 82000000
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 RH DECODE : REQUEST: CH=MIDDLE
RESP=EXC FMH
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 OFFSET BUFFER LENGTH = 104
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 00000000 4245474E 63687234
464D3830 464D4944 *BEGNchr4FM80FMID*
00000010 696E7431 00000080 464D4C4E 696E7431 *intl...FMLNintl*
00000020 00000010 56524C56 696E7431 00000000 *...VRLVintl...*
00000030 53544D50 73747200 00000010 32303038 *STMPstr....2008*
00000040 31363820 31313335 33313636 504F5300 *168 11353166POS.*
00000050 6F706171 00000008 01024000 29000013 *opaq.....@.)...*
00000060 454E4400 766F6964 *END.void *
Jun 16, 2008 11:35:31 AM: 08| | | | | | | | | | Exited CdMessenger.recvCommBuffer(),
Return Value = VOIDjava.lang.String;VOID
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 07| | | |
| | | | | messenger network data length:104
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 07| | | |
| | | | | message is fmh

```

```

[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | Entered CdCopier.takeCkpt()::
[2008-06-16 11:35:31.651] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 09| | | |
| | | | | Entered CdMessenger.recvFmh():
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 10| | | |
| | | | | Entered CdFmh.constructor():
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 10| | | |
| | | | | Exited CdFmh.constructor(), Return Value = VOIDjava.lang.String;VOID
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 10| | | |
| | | | | Entered CdFmh80.constructor(traceMgr):
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 10| | | |
| | | | | Exited CdFmh80.constructor(traceMgr), Return Value =
VOIDjava.lang.String;VOID
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 10| | | |
| | | | | Entered CdFmh80.initFromRmtCd():
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 11| | | |
| | | | | Entered CdFmh80.resetFmh80Defaults():
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 11| | | |
| | | | | Exited CdFmh80.resetFmh80Defaults(), Return Value =
VOIDjava.lang.String;VOID
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 10| | | |
| | | | | Exited CdFmh80.initFromRmtCd(), Return Value =
VOIDjava.lang.String;VOID
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 09| | | |
| | | | | Exited CdMessenger.recvFmh(), Return Value =
com.sterlingcommerce.cd.cdjava.CdFmh80@36983698com.sterlingcommerce.cd.cdjava.CdFmh8
0;com.sterlingcommerce.cd.cdjava.CdFmh80@36983698
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 09| | | |
| | | | | Entered GISFileSystem.getFilePointer()::
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 09| | | |
| | | | | Exited GISFileSystem.getFilePointer():, Return Value = 1001154
[2008-06-16 11:35:31.652] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | Taking checkpoint @ 999972, lastRecLen = 1182
[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 09| | | |
| | | | | Entered ACdCopier.saveCkptInfo()::
[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 09| | | |
| | | | | saving ckpt information in restart table:
[2008-06-16 11:35:31.656] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 09| | | |

```

```

| | | | | processNumber:25256, submitDateTime:2008168 11351136,
subNode:STERLING.SCINDMC1
pos[0] -419, spos:aced00057372002b636f6d2e73746572 419
pos[1] 0, empty
pos[2] 0, empty
pos[3] 0, empty
pos[4] 0, empty
extended ckpt info is:set=true, dcb=(lrecl=1181,blksize=27163,recfm=FB ,dsorg=PS )
[2008-06-16 11:35:31.662] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 09| | | |
| | | | | Exited ACdCopier.saveCkptInfo():, Return Value =
VOIDjava.lang.String;VOID
[2008-06-16 11:35:31.662] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | Exited CdCopier.takeCkpt():, Return Value = VOIDjava.lang.String;VOID
[2008-06-16 11:35:31.662] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | Entered CdMessenger.recvCommBuffer():
[2008-06-16 11:35:31.662] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | reading inputStream:ConduitStreamPair{CDINTEROPLOGGER.EN}-is 16
[2008-06-16 11:35:31.662] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | Data in on Socket: 544350320002001000003f7e00000000 32
[2008-06-16 11:35:31.662] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | reading inputStream complete:ConduitStreamPair{CDINTEROPLOGGER.EN}-is 16
[2008-06-16 11:35:31.662] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | ConduitStreamPair{CDINTEROPLOGGER.EN}-is
BUFFERDATA 16
[2008-06-16 11:35:31.662] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | reading inputStream:ConduitStreamPair{CDINTEROPLOGGER.EN}-is 16258
[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | Data in on Socket: 544350320002001000003f7e00000000 16258
[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | reading inputStream complete:ConduitStreamPair{CDINTEROPLOGGER.EN}-is 16258
[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | ConduitStreamPair{CDINTEROPLOGGER.EN}-is
BUFFERDATA 16274
[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 Jun 16, 2008 11:35:31 AM: 08| | | |
| | | | | dataLength returned:16234, nextblob:16234, avail:16254, rh:80000000
[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007
[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007
[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007 COMM TRACE RECEIVE Jun 16, 2008
11:35:31 AM
[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSERVER_ADAPTER_node1S1684511495L68007

```

```

[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 RH VALUE      80000000
[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 RH DECODE : REQUEST: CH=MIDDLE
RESP=EXC
[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007
[2008-06-16 11:35:31.663] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 OFFSET      BUFFER LENGTH = 16234
[2008-06-16 11:35:31.669] DEBUG 000000000000 GLOBAL_SCOPE
CERTEDGE_CDSEVER_ADAPTER_node1S1684511495L68007 00000000      049DF0F4 F6F7F1F9
F3F5F6F4 40404040 *.....@@@*

```

Resolution: This exception is being thrown because the SQL statement used to access the ckpt table was non-portable. The adapter was not using the jdbc.properties file but rather had the SQL statement hard-coded. This has been fixed so that the CDSA now accesses the jdbc.properties file for the correct syntax for the site database.

Please apply Gentran Integration Suite, Release 4.3 Build 4310 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1369765

Fix ID: 163422, 162714

Severity: Normal

Type: Normal Fix

Build: 4310,4214

InQuira ID: NFX3234

Title: SQL exception is issued when writing a checkpoint entry to the database for the Connect Direct Server Adapter

Description: Document Encryption is disabled.

Connect Direct Server Adapter is set to File System for document storage.

Checkpoint is enabled.

Microsoft SQL Server or Oracle is used for Gentran Integration Suite database

SQL exception is issued when writing a checkpoint entry to the database for the Connect Direct Server Adapter. The issue is that the SQL statement that is issued to the database combines a variable with the SQL "FOR UPDATE" with no white space in between. e.g. instead of "... P1 FOR UPDATE ..." the statement is issues as "... P1FOR UPDATE...".

Error Message:

SQL Server database error:

```

java.sql.SQLException: [Microsoft][SQLServer 2000 Driver for JDBC][SQLServer]Must
declare the variable '@P1FOR'.
TestCDServerSnodeHeavy.testCDServerCkptRemoval

```


TestCDServerSnodeHeavy.testCDServerSnodeHeavy_WriteAndRead
TestCDServerSnodeHeavy.testCDServerWarmStart
TestCDServerSnodeHeavy.testCDServerSnodeHeavy_WriteUpdateAndRead

Resolution: The SQL statement white space is corrected for the query.

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4310 or later.

Functional Area: Connect Direct Interop

Escalation ID: QC

Fix ID: 161602, 161605

Severity: Normal

Type: Normal Fix

Build: 4310, 4214

Import/Export

InQuira ID: NFX2206

Title: Resources import/export not keeping "Enable execution settings" options.

Description: When exporting a business process that has the option "Enable execution settings" activated (per example the preferred node set to node 1) from a cluster node, during the import into another cluster node those options are lost and the option "Enable execution settings" is deactivated.

Resolution:

Please apply Sterling Integrator, Release 4.3 Build 4310 or later.

Please apply Sterling Integrator, Release 4.2 Build 4214 or later.

Functional Area: Import/Export

Escalation ID: 1369445

Fix ID: 158100, 158092

Severity: Normal

Type: Normal Fix

Build: 4310, 4214

Install

InQuira ID: NFX2769

Title: Gentran Integration Suite upgrade failed when Gentran Integration Suite installer executing EFrame_TableChanges.sql

Description: While upgrading from Gentran Integration Suite 4.1/4.2 to Gentran Integration Suite 4.3, the upgrade process fails when executing script EFrame_TableChanges.sql. In this script, there is following SQL, which caused the failure:

```
ALTER TABLE ACT_SESSION ALTER COLUMN STATE NATIONAL CHARACTER VARYING
(30) NOT NULL Since there are several records in table ACT_SESSION which had NULL value in field
'STATE', the SQL execution failed and Gentran Integration Suite upgrade aborted.
```

Error Message:

```
[saneSqlExec] Executing file:
C:\SterlingCommerce7000_43_1\SI\repository\scripts\EFrame_TextIndexDrops.sql
[saneSqlExec] 0 of 0 SQL statements executed successfully [saneSqlExec] Executing
file: C:\SterlingCommerce7000_43_1\SI\repository\scripts\EFrame_IndexDrops.sql
[saneSqlExec] 265 of 265 SQL statements executed successfully [saneSqlExec] Executing
file: C:\SterlingCommerce7000_43_1\SI\repository\scripts\EFrame_TableChanges.sql
[saneSqlExec] Failed to execute: ALTER TABLE ACT_SESSION ALTER COLUMN STATE NATIONAL
CHARACTER VARYING (30) NOT NULL
C:\SterlingCommerce7000_43_1\SI\properties\entityDeployer.xml:424: The following
error occurred while executing this line:
C:\SterlingCommerce7000_43_1\SI\properties\entityDeployer.xml:404:
com.microsoft.sqlserver.jdbc.SQLServerException: fe[fuf< 'SI43A.dbo.ACT_SESSION'
,İ-ñ 'STATE' ,É'1 NULL ,ð' }"ü,Å,«,Ü,¹,ñB,±,İ-ñ,Å,Í NULL '1,ª<-%Å,³,ê,Ä,ç,Ü,¹,ñBUPDATE
,ÍŽ,"s,µ,Ü,·B at
org.apache.tools.ant.ProjectHelper.addLocationToBuildException(ProjectHelper.java:53
9) at org.apache.tools.ant.taskdefs.MacroInstance.execute(MacroInstance.java:380) at
org.apache.tools.ant.UnknownElement.execute(UnknownElement.java:275) at
org.apache.tools.ant.Task.perform(Task.java:364) at
org.apache.tools.ant.Target.execute(Target.java:341) at
org.apache.tools.ant.Target.performTasks(Target.java:369) at
org.apache.tools.ant.Project.executeSortedTargets(Project.java:1216) at
org.apache.tools.ant.Project.executeTarget(Project.java:1185) at
com.sterlingcommerce.woodstock.install.deployer.AntDeployer.executeScript(AntDeploye
r.java:240) ... at
com.sterlingcommerce.woodstock.install.InstallSIBootstrapper.main(InstallSIBootstrap
per.java:83) Caused by:
C:\SterlingCommerce7000_43_1\SI\properties\entityDeployer.xml:404:
com.microsoft.sqlserver.jdbc.SQLServerException: fe[fuf< 'SI43A.dbo.ACT_SESSION'
,İ-ñ 'STATE' ,É'1 NULL ,ð' }"ü,Å,«,Ü,¹,ñB,±,İ-ñ,Å,Í NULL '1,ª<-%Å,³,ê,Ä,ç,Ü,¹,ñBUPDATE
,ÍŽ,"s,µ,Ü,·B at org.apache.tools.ant.taskdefs.SQLExec.execute(SQLExec.java:398) at
com.sterlingcommerce.woodstock.install.SaneSQLExec.execute(SaneSQLExec.java:83)
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Patch will convert all STATE values to Normal where the STATE is currently null so that upgrade does not fail.

Functional Area: Install

Escalation ID: 1369782

Fix ID: 162994

Severity: Critical

Type: Normal Fix

Build: 4214

InQuira ID: NFX2230

Title: GISAdapter.xml not included with the Gentran Integration Suite install

Description: GISAdapter.xml not included with the Gentran Integration Suite install. This file is needed for setting up SAP XI adapter according to documentation.

<http://www.sterlingcommerce.com/documentation/Plat20/Content/SvcAdpts/SAP%20XI%20Adapter.html>

Step 8 of creating an adapter object

Provide the complete path to the GISAdapter.xml file provided with Application.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Functional Area: Install

Escalation ID: 1369358

Fix ID: 158733

Severity: Normal

Type: Normal Fix

Build: 4214

InstallService**InQuira ID: NFX2964**

Title: yantraPool entries in properties file cause errors in patch update

Description: When yantraPool properties are present in jdbc.properties or customer_override.properties it will cause the patch upgrade to fail.

Error Message:

```
Processing pre service install tasks...java.lang.reflect.InvocationTargetException
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at
sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:39)
    at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25
)
    at java.lang.reflect.Method.invoke(Method.java:324)
    at
com.sterlingcommerce.woodstock.install.module_loader.ServiceInstallBootstrapper.doIt
(ServiceInstallBootstrapper.java:94)
    at
com.sterlingcommerce.woodstock.install.module_loader.ServiceInstallBootstrapper.main
(ServiceInstallBootstrapper.java:58)
Caused by: java.lang.NoClassDefFoundError
    at patch.scripts.PreServiceInstall.getConnection(PreServiceInstall.java:139)
    at
patch.scripts.PreServiceInstall.getCurrentVersionInfo(PreServiceInstall.java:317)
```

```

    at
patch.scripts.PreServiceInstall.doPreInstallTasks(PreServiceInstall.java:893)
    at
com.sterlingcommerce.woodstock.install.module_loader.ServiceInstall.doPreInstallTasks(ServiceInstall.java:2228)
    at
com.sterlingcommerce.woodstock.install.module_loader.ServiceInstall.installService(ServiceInstall.java:377)
    at
com.sterlingcommerce.woodstock.install.module_loader.ServiceInstall.install(ServiceInstall.java:243)
    at
com.sterlingcommerce.woodstock.install.module_loader.ServiceInstallDriver.doIt(ServiceInstallDriver.java:164)
    at
com.sterlingcommerce.woodstock.install.module_loader.ServiceInstallDriver.main(ServiceInstallDriver.java:63)
    ... 6 more
Installatin failed.
Error '1' installing service files.

```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4310 or later.

Functional Area: InstallService

Escalation ID: 1369935

Fix ID: 160416, 160415

Severity: Normal

Type: Normal Fix

Build: 4310, 4214

Map Editor**InQuira ID: NFX2420**

Title: Cannot change the data type for a field from a Date/Time to a String in 4307 mapper

Description: Following error is thrown when trying to change the data type for field DATUM from a Date/Time to a String, even though there is no standard rule attached to field -

"This data type field with a system variable standard rule cannot change because system variables standard rule are invalid for any other types. Please remove the rule before changing the type.

Error Message:

"This data type field with a system variable standard rule cannot change because system variables standard rule are invalid for any other types. Please remove the rule before changing the type."

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4310 or later.

Please apply Gentran Integration Suite, Release 4.1.1 Build 1988 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Functional Area: Map Editor

Escalation ID: 1369920

Fix ID: 160259, 160257, 160258

Severity: Normal

Type: Normal Fix

Build: 4310, 1988, 4214

InQuira ID: NFX2556

Title: Deactivated fields are validated by the translation service on the Input side of a positional map.

Description: Deactivated fields are validated by the translation service on the Input side of a positional map.

Translation errors are reported if invalid data is found in a field even though the field is deactivated.

Error Message:

Code: 113 Invalid Date

Code: 110 Incorrect Data Format

Resolution:

To resolve this issue, apply Build 4310 or later for Gentran Integration Suite 4.3

To resolve this issue, apply Build 4214 or later for Gentran Integration Suite 4.2

Functional Area: Map Editor

Escalation ID: 1369763

Fix ID: 159691, 159688

Severity: Normal

Type: Normal Fix

Build: 4310, 4214

Perimeter Servers

InQuira ID: NFX2770

Title: Perimeter.log has many of errors: ERROR 000000000000 GLOBAL_SCOPE A ByteBuffer was garbage collected

Description: In Perimeter.log there are many errors: ERROR 000000000000 GLOBAL_SCOPE A ByteBuffer was garbage collected. Release notes says this ByteBuffer is 'lost' only under very specific error conditions, it

poses no functional risk and can be ignored.

<http://www.sterlingcommerce.com/Documentation/GIS40/Content/SP2/ReleaseNotes/FR1Rntes.html>

If there is no potential functional risk, this message should be logged as INFO or DEBUG message.

Error Message:

```
ERROR 000000000000 GLOBAL_SCOPE A ByteBuffer was garbage collected.
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Functional Area: Perimeter Servers

Escalation ID: 1369963

Fix ID: 161418

Severity: Normal

Type: Normal Fix

Build: 4214

Platform

InQuira ID: NFX3097

Title: When the database goes down, Gentran Integration Suite may hang without the Resource Monitor alerting the user

Description: When testing a fail over scenario, the customer saw that the Gentran Integration Suite user interface would 'hang' and the application would stop picking up any files. The Resource Monitor did not report that the database was down, and Gentran Integration Suite had to be restarted to return it to normal functioning.

Another reported symptom is that the user interface appeared to keep working, though the database was down and the Resource Monitor did not report any errors.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4310 or later.

Functional Area: Platform

Escalation ID: 1369835, 1369101

Fix ID: 160151, 160152

Severity: Normal

Type: Normal Fix

Build: 4310, 4214

Standards

InQuira ID: NFX3425

Title: X12Deenvelope generating duplicate status report

Description: X12Deenvelope failing with compliance errors results in the generation of duplicate status reports.

Error Message: No errors other than expected compliance errors

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Functional Area: Standards

Escalation ID: 1369667

Fix ID: 161577

Severity: Normal

Type: Normal Fix

Build: 4214

Translation/De-Envelope

InQuira ID: NFX3035

Title: VDA Deenvelope reports License Error

Description: When the VDA envelope is not found and Wildcard EDIFACT envelopes exist, then an erroneous License error is reported.

Error Message:

```
<PROCESS_ID>206735</PROCESS_ID>
<PROCESS_NAME>VDADeenvelope</PROCESS_NAME>
<PROCESS_START_TIME>7/23/08 10:26:12 AM</PROCESS_START_TIME>
<PROCESS_END_TIME></PROCESS_END_TIME>
<PROCESS_STATE>Halted</PROCESS_STATE>
<STATUS>error</STATUS>
  <STEP id="1">
    <SERVICE_NAME>DeenvelopeGeneric</SERVICE_NAME>
    <START_TIME>2008-07-23 10:26:12.867</START_TIME>
    <END_TIME>2008-07-23 10:26:12.88</END_TIME>
    <DOCUMENT_INFO>
      <DOC_ID>SHHEDI02:19616c7:11b4ef1cb45:-f64</DOC_ID>
      <DOC_NAME>VDA511-0_080723_102027</DOC_NAME>
      <CONTENT_TYPE>null</CONTENT_TYPE>
      <SUB_CONTENT_TYPE>null</SUB_CONTENT_TYPE>
    </DOCUMENT_INFO>
    <STATUS>
      <BASIC>300</BASIC>
      <ADVANCED>License Error</ADVANCED>
    </STATUS>
```

```
<TRANSACTION_DETAIL>com.sterlingcommerce.woodstock.workflow.WorkFlowException:  
Envelope standard: EDIFACT is not supported.  
DeenvelopeGeneric took 31 ms in thread</TRANSACTION_DETAIL>  
</STEP>
```

Resolution: Envelope type is not being passed in the filter for VDA data to findEnvelope()

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Functional Area: Translation/De-Envelope

Escalation ID: 1370283

Fix ID: 162433

Severity: Normal

Type: Normal Fix

Build: 4214

Translator

InQuira ID: NFX1775

Title: Empty command is causing a java.lang.ArrayIndexOutOfBoundsException error in status report

Description: If you use the empty command on a field that did not get data from the data file or has yet to get data from the data file, you will receive a java.lang.ArrayIndexOutOfBoundsException error for each empty command used.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later. After applying this patch, reinstall the Map Editor.

Functional Area: Translator

Escalation ID: 1369381

Fix ID: 163121

Severity: Normal

Type: Normal Fix

Build: 4214

User Accounts

InQuira ID: NFX2344

Title: Unable to create a new user account with more than 12 characters for User Id using Accounts -> User Accounts menu.

Description: Migrating clients from Microsoft FTP Server to Gentran Integration Suite FTP Server and Mailboxing.

Existing Microsoft FTP users have user ids/passwords that are more than 12 characters long.

Unable to create a user account with more than 12 characters for User Id using Accounts -> User Accounts
-> Create a new account menu in Gentrans Integration Suite.

Error Message: No error message - UI restricts the User Id to be 2 chars long.

Resolution: Increased user account name length to 36 characters.

Please apply Gentrans Integration Suite 4.3 Build 4310 or higher.

Please apply Gentrans Integration Suite 4.2 Build 4214 or higher.

Functional Area: User Accounts

Escalation ID: 1369941

Fix ID: 160094, 160092

Severity: Normal

Type: New Functionality

Build: 4310, 4214

User Interface

InQuira ID: NFX2701

Title: No Business Processes listed in Archive Manager

Description: In Archive Manager, when business processes have been previously selected for changing archive settings, they no longer appear in the list of business processes if you would like to change their archive settings again. See steps below to reproduce and workaround:

1. Go to Archive Manager
2. Click Configure Archive Settings
3. Change days for 'Default values that business processes should remain in the system' from its original setting to another, make sure that 'Expired Business Processes should be' is set to Archive and click next
4. Move all processes into the right hand box and click next
5. Click next all the way through and save. All of these business processes now are being archived according to the new settings.
6. Wait a couple of minutes to allow all business processes to be updated.
7. Go through the process again: Click Configure Archive Settings
8. Change the days value back to its original setting click next.
9. There are no business processes listed, so they can no longer be updated.

Error Message: No error message appears.

Resolution: This issue has been corrected in the following releases:

Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4310 or later.

Functional Area: User Interface

Escalation ID: 1370001

Fix ID: 160225, 160224

Severity: Normal

Type: Normal Fix

Build: 4310, 4214

InQuira ID: NFX2771

Title: The file size displayed is wrong in MBI pop-up window and Communication Session while downloading a file larger than 11MB.

Description:

1. The file size displayed is wrong in MBI pop-up window when downloading a file whose size is bigger than 10MB.
2. The file size displayed is wrong in Communication Session Details pages. Large files like 11MB or larger than that seems having this issue. Gentran Integration Suite Admin Console -> search Communication Sessions -> Communication Session Details

Error Message: If the file size is 11MB while downloading from MBI list screen, it shows 22MB. If the file size is 100MB, it shows 200MB. After downloading the file if you check in Communication Sessions, this also shows wrong size.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4214 or later.

Functional Area: User Interface

Escalation ID: 1369911

Fix ID: 163252

Severity: Normal

Type: Normal Fix

Build: 4214

Build 4213 Product Enhancements and Fixes

Build 4213 Product Enhancements

Gentran Integration Suite 4.2, Build 4213 contains the following product enhancement:

- ◆ Adapters - FTP Server

Adapters - FTP Server

ENH854

Title: Request for MDTM command to be implemented for FTP Server adapter.

Request Description: Request for MDTM command to be implemented for FTP Server adapter.

Escalation ID: 1360218 (157520) 1369619 (157854)

Status: Completed

Request Resolution: Implemented MDTM command to return last-modified time of a given file on a remote host. Syntax is:

```
quote MDTM remote-filename
```

Please apply Gentran Integration Suite, Release 4.2 Build 4213 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4309 or later.

Build 4213 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4213 in the following areas:

- ◆ Adapters - FTP
- ◆ AS2
- ◆ Dashboard
- ◆ EDI

- ◆ FTP Server Adapter
- ◆ Mailbox
- ◆ Map Editor
- ◆ RosettaNet
- ◆ Screen
- ◆ Standards
- ◆ Trading Partner Profiles - AS2
- ◆ Translator
- ◆ User Interface
- ◆ Workflow Engine

Adapters - FTP

InQuira ID: NFX2419

Title: FTP Put Service fails with Response TimeOut even when Data Connection is active.

Description: FTP Put Service fails with “Response TimeOut” Error even when Data Connection is active. Data get transferred completely, even after Gentrans Integration Suite business process errors out.

Resolution: Please apply Gentrans Integration Suite Release 4.2, Build 4213 or later.

Functional Area: Adapters - FTP

Escalation ID: 1369607

Fix ID: 158931

Severity: Normal

Type: Normal Fix

Build: 4213

AS2

InQuira ID: NFX2470

Title: Error importing contracts

Description: File System storage in AS2 Trading Partner profile.

Error Message:

“Profile id 7736bd:10220dce1b8:6175 was not found. Contract Sterling_VAN_FROM_ORG_CONTRACT uses this profile”.

The error “Profile id XXX was not found. Contract YYY uses this profile” repeats for all the Contracts.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4213 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4309 or later.

Functional Area: AS2

Escalation ID: 1369492

Fix ID: 39829, 39830

Severity: Normal

Type: Normal Fix

Build: 4309, 4213

Dashboard

InQuira ID: NFX2857

Title: Receive a “null” string message below the Sign In button when attempting to login after importing user.

Description: After importing users from another system, the user can no longer log into the dashboard when changing password.

Receive a “null” string message below the Sign In button when attempting to login.

Error Message: Receive a “null” string message below the Sign In button when attempting to login.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4213 or later.

Functional Area: Dashboard

Escalation ID: 1368008

Fix ID: 35616

Severity: Normal

Type: NormalFix

Build: 4213

EDI

InQuira ID: NFX2489

Title: EDIDevelope business process in document mode recognizes the CII document to be a mix of CII and X12 when string -'ISA' is included.

Description:

1. EDIDevelope business process when executed in document mode recognizes the CII document to be a mix of CII and X12 when the string - 'ISA' is included.

2. It also recognizes the CII document to be a mix of CII, EDIFACT and X12 when the strings - 'UNA' and 'ISA' are included in the CII data.
3. In both cases, EDIDevelope with normal mode works correctly. Only the document mode has this issue.

Error Message: No Error message

Resolution:

Please apply Gentrans Integration Suite, Release 4.2 Build 4213 or later (or)

Please apply Gentrans Integration Suite, Release 4.3 Build 4309 or later

Functional Area: EDI

Escalation ID: 1369482

Fix ID: 39620, 45529

Severity: Normal

Type: Normal Fix

Build: 4213, 4309

InQuira ID: NFX2721

Title: Encoding must be set both in Envelope and in business process X12DevelopeUnified when extended ASCII characters are in input file.

Description: Encoding (parameter - translated document encoding) must be set in the Inbound ISA envelope as ISO8859_1 and also in the business process using the Encoding conversion service. Using Encoding conversion service will affect the system performance and other input file of different formats as all the input files will be processed using the X12DenevelopeUnified business process itself.

Error Message: Setting encoding in Map (which is configured in the transaction level envelope) instead of the business process will result in the - "Invalid Data Format" error for the X12Develope service. Hence should set the encoding in the business process itself to make the X12 develope service work without any errors.

Resolution: The encoding (parameter – “translated document encoding”) on the envelope which is set to a particular character set is about the output side encoding. This doesn't specify the encoding on the input side. The parameter – “translated document encoding” clearly states that this is the output side encoding which can be set. The map specified on the transaction level envelope will output with the specified encoding mentioned in the ISA envelope.

A new parameter "Input file Encoding" to the ISA interchange configuration page is added. That way the input file encoding is set but only for that particular partner relationship. This would mean that the encoding is set at the interchange level and only affect that particular partner relationship and consequently only that transaction level map.

This new parameter is also integrated in the x12 de-enveloping service to override the input file encoding if you have set this value in the envelope. (ISA envelope).

This way, we need to set only the input side and output side encoding in the ISA envelope. There is no need to set the encoding in the Map and in business process also.

Please apply Gentran Integration Suite, Release 4.2 Build 4213 or later.

Functional Area: EDI

Escalation ID: 1369642

Fix ID: 158406

Severity: Normal

Type: NormalFix

Build: 4213

InQuira ID: NFX2731

Title: Outbound enveloped 997 has the wrong Sender ID value when multiple groups are received.

Description: Outbound enveloped 997 has the wrong Sender ID value when multiple groups are received.

The Sender ID is wild carded for the outbound 997 envelopes (ISA, GS and ST envelopes). When the inbound file has two groups each with a unique Receiver ID value, the outbound process invokes two separate X12Envelope business processes - One for each group since the Receiver ID's are different.

However, the resulting 997 files both have the Sender/Receiver information for the last group processed by the inbound develope business process. Since Gentran Integration Suite is invoking two separate X12Envelope business processes, it should be looking up the inbound information for each one and not using the information from the last group processed.

Error Message: No Error message

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4310 or later

Please apply Gentran Integration Suite Release 4.2 Build 4213 or later

Functional Area: EDI

Escalation ID: 1368404

Fix ID: 40624, 40623

Severity: Normal

Type: Normal Fix

Build: 4310, 4213

FTP Server Adapter

InQuira ID: NFX2444

Title: The parameter "ResponseErrorSetSuccess" is misspelled as "ResponseErrorSetSucess". ResponseErrorSetSucess misspelled.

Description: The parameter "ResponseErrorSetSuccess" is misspelled as "ResponseErrorSetSucess". This parameter has been introduced in 4.1.1 build 1983 and 4.2 Build 4209. The functionality of this BPML

parameter is not affected. To use this parameter, the user needs to use “ResponseErrorSetSucess” up to build 1986 or 4212. From build 1987 or 4213 forward the corrected “ResponseErrorSetSuccess” can be made use of.

Error Message: Business process will not provide expected results if parameter is not spelled as expected.

Resolution:

Please apply Gentran Integration Suite, Release 4.1.1 Build 1987 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4213 or later.

To use this parameter, the user needs to use “ResponseErrorSetSucess” up to build 1986 or 4212. From build 1987 or 4213 forward the corrected “ResponseErrorSetSuccess” can be made use of.

Functional Area: FTP Server Adapter

Escalation ID: 1366504

Fix ID: 45374, 39467

Severity: Normal

Type: Normal Fix

Build: 1987, 4213

Mailbox

InQuira ID: NFX2903

Title: Zero byte file is downloaded from Mailbox Interface and/or MyAFT interface when document encryption is turned on.

Description: Zero byte file is downloaded from Mailbox Interface and/o MyAFT interface when document encryption is turned on.

Error Message:

Noapp.log

```
[2007-12-12 14:09:01.93] ALL 000000000000 GLOBAL_SCOPE messageId =
[2007-12-12 14:09:01.93] ALL 000000000000 GLOBAL_SCOPE

[2007-12-12 14:09:01.93] ALL 000000000000 GLOBAL_SCOPE filename =
[2007-12-12 14:09:01.93] ALL 000000000000 GLOBAL_SCOPE course_evals
[2007-12-12 14:09:01.93] ALL 000000000000 GLOBAL_SCOPE

[2007-12-12 14:09:01.93] ALL 000000000000 GLOBAL_SCOPE SessionId =
[2007-12-12 14:09:01.93] ALL 000000000000 GLOBAL_SCOPE mbi.war@236a8p964gsvx:1121
[2007-12-12 14:09:01.93] ALL 000000000000 GLOBAL_SCOPE

[2007-12-12 14:09:01.93] ALL 000000000000 GLOBAL_SCOPE bpResolverTimeout =
[2007-12-12 14:09:01.93] ALL 000000000000 GLOBAL_SCOPE

[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE java.lang.NullPointerException
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE
```



```
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.crypto.AppendCipherInputStream.read(AppendCi
pherInputStream.java:89)
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.workflow.crypto.AppendCipherInputStream.read(AppendCi
pherInputStream.java:171)
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
java.io.BufferedInputStream.read1(BufferedInputStream.java:220)
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
java.io.BufferedInputStream.read(BufferedInputStream.java:277)
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.webx.xforms.plug.si.FormToXML.processRequest(FormToXM
L.java:430)
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.webx.xforms.plug.si.FormToXML.doGet(FormToXML.java:53
2)
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
javax.servlet.http.HttpServlet.service(HttpServlet.java:740)
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:358)
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler
.java:342)
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.util.Fix5CFilter.doFilter(Fix5CFilter.java:74)
[2007-12-12 14:09:02.49] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler
.java:334)
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:
286)
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:567)
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.http.HttpContext.handle(HttpContext.java:1807)
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:52
5)
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.http.HttpContext.handle(HttpContext.java:1757)
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.http.HttpServer.service(HttpServer.java:879)
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.http.HttpConnection.service(HttpConnection.java:789)
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:960)
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.http.HttpConnection.handle(HttpConnection.java:806)
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.http.SocketListener.handleConnection(SocketListener.java:218)
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:331)
```

```
[2007-12-12 14:09:02.5] ALL 000000000000 GLOBAL_SCOPE at
org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:520)
[2007-12-12 14:10:51.745] ALL 000000000000 GLOBAL_SCOPE
getAllQueueDepthsCalled:[1:0][2:0][3:0][4:0][5:0][6:0][7:0][8:0][9:0][10:0]
```

Ui.log

```
2007-12-12 14:09:02.5] ERROR 000000000000 GLOBAL_SCOPE FormToXML.processRequest() -
Exception [null]
java.lang.NullPointerException
  at
  com.sterlingcommerce.woodstock.workflow.crypto.AppendCipherInputStream.read(AppendCi
pherInputStream.java:89)
  at
  com.sterlingcommerce.woodstock.workflow.crypto.AppendCipherInputStream.read(AppendCi
pherInputStream.java:171)
  at java.io.BufferedInputStream.read1(BufferedInputStream.java:220)
  at java.io.BufferedInputStream.read(BufferedInputStream.java:277)
  at
  com.sterlingcommerce.woodstock.webx.xforms.plug.si.FormToXML.processRequest(FormToXM
L.java:430)
  at
  com.sterlingcommerce.woodstock.webx.xforms.plug.si.FormToXML.doGet(FormToXML.java:53
2)
  at javax.servlet.http.HttpServlet.service(HttpServlet.java:740)
  at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
  at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:358)
  at
  org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler
.java:342)
  at com.sterlingcommerce.util.Fix5CFilter.doFilter(Fix5CFilter.java:74)
  at
  org.mortbay.jetty.servlet.WebApplicationHandler$Chain.doFilter(WebApplicationHandler
.java:334)
  at
  org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:
286)
  at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:567)
  at org.mortbay.http.HttpContext.handle(HttpContext.java:1807)
  at
  org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:52
5)
  at org.mortbay.http.HttpContext.handle(HttpContext.java:1757)
  at org.mortbay.http.HttpServer.service(HttpServer.java:879)
  at org.mortbay.http.HttpConnection.service(HttpConnection.java:789)
  at org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:960)
  at org.mortbay.http.HttpConnection.handle(HttpConnection.java:806)
  at org.mortbay.http.SocketListener.handleConnection(SocketListener.java:218)
  at org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:331)
  at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:520)
```

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4213 or later.

Functional Area: Mailbox

Escalation ID: 1367736

Fix ID: 157707
 Severity: Normal
 Type: NormalFix
 Build: 4213

Map Editor

InQuira ID: NFX1929

Title: Map Editor Crashes when attempting to create a .DDF file definition.

Description: Map Editor Crashes when attempting to create a .DDF file definition.

Resolution: This issue is resolved in Gentran Integration Suite 4.2 build 4213 which can be downloaded from Support on Demand. After applying this patch reinstall the Map Editor.

This issue is resolved in Gentran Integration Suite 4.3 build 4306 which can be downloaded from Support on Demand. After applying this patch reinstall the Map Editor.

Functional Area: Map Editor

Escalation ID: 1368206, 1369960

Fix ID: 41757, 159683

Severity: Normal

Type: NormalFix

Build: 4306, 4213

RosettaNet

InQuira ID: NFX2555

Title: Running pipdefloader.sh/cmd allows duplicate entries in the PIP_DEF table, even if the nodelete option is used.

Description: The pipdefloader.sh/.cmd script in <Gentran Integration Suite Root>/data/rosettanet allows new RosettaNet PIP definitions to be added to Gentran Integration Suite. If the script is run without the nodelete option, the newly loaded PIP definition(s) will overwrite the existing contents of the PIP tables, so that the new definition(s) will be only one(s) in the PIP tables. This is by design. Using the nodelete option will load a new PIP definition without overwriting existing entries. If nodelete is specified and a PIPdefinition with the same PIP Code and PIP Version already exists, the script should display an error and refrain from loading the duplicate definition. However, a duplicate is nevertheless loaded into the PIP_DEF table.

Example:

```
|          0 | 3B2 | Receiver | Shipper | Receiver Service | Shipper Service
| V01.01   | All | Notify of Advance Shipment |
```

```
|      1 | 3B2 | Receiver | Shipper | Receiver Service | Shipper Service
| V01.01 | All | Notify of Advance Shipment |
```

Error Message: The following error is thrown, but the a duplicate entry is added to the PIP_DEF table:

```
Security Providers: SUN, SunJCE, Trustpoint, SunJSSE, Certicom, SunRsaSign, SunJGSS,
SCIKS, SCI
java.sql.SQLException: Invalid argument value, message from server: "Duplicate entry
'3B2-V01.01-1' for key 1"
    at com.mysql.jdbc.MysqlIO.checkErrorPacket(MysqlIO.java:1648)
    at com.mysql.jdbc.MysqlIO.sendCommand(MysqlIO.java:886)
    at com.mysql.jdbc.MysqlIO.sqlQueryDirect(MysqlIO.java:953)
    at com.mysql.jdbc.Connection.execSQL(Connection.java:1871)
    at com.mysql.jdbc.PreparedStatement.execute(PreparedStatement.java:1348)
    at
com.sterlingcommerce.woodstock.util.frame.jdbc.JDBCService.execute(JDBCService.java:
2744)
    at
com.sterlingcommerce.woodstock.rosettanet.PIPStep.insertIntoDb(PIPStep.java:730)
    at
com.sterlingcommerce.woodstock.rosettanet.PIPStep.insertIntoPipStepTable(PIPStep.jav
a:549)
    at
com.sterlingcommerce.woodstock.rosettanet.PIPDefinition.insertIntoDb(PIPDefinition.j
ava:1059)
    at
com.sterlingcommerce.woodstock.rosettanet.PIPDefinition.insertIntoPipDefTable(PIPDef
inition.java:822)
    at
com.sterlingcommerce.woodstock.rosettanet.pipdefloader.PipDefLoader.loadPipDefinitio
ns(PipDefLoader.java:339)
    at
com.sterlingcommerce.woodstock.rosettanet.pipdefloader.PipDefLoader.loadPipDefs(PipD
efLoader.java:441)
    at
com.sterlingcommerce.woodstock.rosettanet.pipdefloader.PipDefLoader.main(PipDefLoade
r.java:517)
com.sterlingcommerce.woodstock.rosettanet.RNDefinitionException:
java.sql.SQLException: Can't call rollback when autocommit=true
    at
com.sterlingcommerce.woodstock.rosettanet.PIPStep.insertIntoDb(PIPStep.java:750)
    at
com.sterlingcommerce.woodstock.rosettanet.PIPStep.insertIntoPipStepTable(PIPStep.jav
a:549)
    at
com.sterlingcommerce.woodstock.rosettanet.PIPDefinition.insertIntoDb(PIPDefinition.j
ava:1059)
    at
com.sterlingcommerce.woodstock.rosettanet.PIPDefinition.insertIntoPipDefTable(PIPDef
inition.java:822)
    at
com.sterlingcommerce.woodstock.rosettanet.pipdefloader.PipDefLoader.loadPipDefinitio
ns(PipDefLoader.java:339)
    at
com.sterlingcommerce.woodstock.rosettanet.pipdefloader.PipDefLoader.loadPipDefs(PipD
efLoader.java:441)
```

```
at
com.sterlingcommerce.woodstock.rosettanet.pipdefloader.PipDefLoader.main(PipDefLoader.java:517)
###ERROR### RosettaNet PIP definitions load from pip3b2_v0101.xml failed.
```

Resolution:

Apply Gentran Integration Suite, Release 4.3 Build 4309 (or later)
or Gentran Integration Suite Release 4.2 Build 4213 (or later.)

Functional Area: RosettaNet

Escalation ID: 1369457

Fix ID: 40349, 40348

Severity: Normal

Type: Normal Fix

Build: 4309, 4213

Screen

InQuira ID: NFX2138

Title: User Interface configuration panel for JMS Topic and JMS Queue service will not permit usage of comma in the URL field.

Description: User Interface configuration panel for JMS Topic and JMS Queue service will not permit usage of comma in the URL field. A comma is needed to use LDAP server to access the JMS server

Error Message:

URL Is invalid. Please try again.

The follow characters are not valid:

! @ # % ^ * () + ? , < > { } [] ; " ' `

Resolution: Please update to Gentran Integration Suite Release 4.2.0 patch 4213 or higher.

Functional Area: screen

Escalation ID: 1369164

Fix ID: 157742

Severity: Normal

Type: Normal Fix

Build: 4213

Standards

InQuira ID: NFX2656

Title: ACHDeenvelope errors with Invalid byte 1 of 1-byte UTF-8 sequence.

Description: ACHDeenvelope errors with Invalid byte 1 of 1-byte UTF-8 sequence (or similar error).

Error Message:

```
edi.log
[2008-05-29 12:29:03.065] ERROR
java.io.UTFDataFormatException: Invalid byte 1 of 1-byte UTF-8 sequence.
  at java.lang.Throwable.<init>(Throwable.java:195)
  at java.lang.Exception.<init>(Exception.java:41)
  at java.io.IOException.<init>(IOException.java:40)
  at java.io.UTFDataFormatException.<init>(UTFDataFormatException.java:43)
  at org.apache.xerces.impl.io.UTF8Reader.invalidByte(Unknown Source)
  at org.apache.xerces.impl.io.UTF8Reader.read(Unknown Source)
  at org.apache.xerces.impl.XMLEntityScanner.load(Unknown Source)
  at org.apache.xerces.impl.XMLEntityScanner.scanContent(Unknown Source)
  at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.scanContent(Unknown
Source)
  at
org.apache.xerces.impl.XMLDocumentFragmentScannerImpl$FragmentContentDispatcher.disp
atch(Unknown Source)
  at org.apache.xerces.impl.XMLDocumentFragmentScannerImpl.scanDocument(Unknown
Source)
  at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
  at org.apache.xerces.parsers.XML11Configuration.parse(Unknown Source)
  at org.apache.xerces.parsers.XMLParser.parse(Unknown Source)
  at org.apache.xerces.parsers.AbstractSAXParser.parse(Unknown Source)
  at javax.xml.parsers.SAXParser.parse(Unknown Source)
  at javax.xml.parsers.SAXParser.parse(Unknown Source)
  at
com.sterlingcommerce.woodstock.services.edi.ach.deenvelope.ACHDOMWriter.acceptTransa
ction(ACHDOMWriter.java:442)
  at
com.sterlingcommerce.woodstock.services.edi.ach.deenvelope.DeenvelopeACHServiceImpl.
finalizeTransaction(DeenvelopeACHServiceImpl.java:2946)
  at
com.sterlingcommerce.woodstock.services.edi.DeenvelopeCharDataServiceImpl.processNex
tTransaction(DeenvelopeCharDataServiceImpl.java:1044)
  at
com.sterlingcommerce.woodstock.services.edi.DeenvelopeCharDataServiceImpl.processNex
tGroup(DeenvelopeCharDataServiceImpl.java:1174)
  at
com.sterlingcommerce.woodstock.services.edi.DeenvelopeCharDataServiceImpl.processInt
erchange(DeenvelopeCharDataServiceImpl.java:1003)
  at
com.sterlingcommerce.woodstock.services.edi.ach.deenvelope.DeenvelopeACHServiceImpl.
processInterchange(DeenvelopeACHServiceImpl.java:1083)
  at
com.sterlingcommerce.woodstock.services.edi.DeenvelopeCharDataServiceImpl.processDat
a(DeenvelopeCharDataServiceImpl.java:535)
```

```
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1506)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:461)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:255)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:239)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:174)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:146)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:142)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:285)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:474)
at java.lang.Thread.run(Thread.java:534)
wf.log:
[2008-05-30 06:54:53.111] ERROR 000110060004
WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService2
ActivityEngineHelper.invokeService() caught exception while attempting to execute
service DeenvelopeACH
com.sterlingcommerce.woodstock.workflow.WorkFlowException: IO exception encountered
while deenveloping.
at java.lang.Throwable.<init>(Throwable.java:195)
at java.lang.Exception.<init>(Exception.java:41)
at
com.sterlingcommerce.woodstock.workflow.WorkFlowException.<init>(WorkFlowException.java:86)
at
com.sterlingcommerce.woodstock.services.edi.DeenvelopeCharDataServiceImpl.processData(DeenvelopeCharDataServiceImpl.java:543)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1506)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:461)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:255)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:239)
```

```
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:174)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:146)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:142)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:285)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:474)
at java.lang.Thread.run(Thread.java:534)
```

Resolution:

Please apply Gentrans Integration Suite, Release 4.2 Build 4213 or later.

Please apply Gentrans Integration Suite, Release 4.3 Build 4309 or later.

Functional Area: Standards

Escalation ID: 1369525

Fix ID: 39765, 39764

Severity: Normal

Type: Normal Fix

Build: 4309, 4213

Trading Partner Profiles - AS2

InQuira ID: NFX2802

Title: EDIINT Pipeline log is too verbose when logging level is “Off”.

Description: EDIINT Pipeline service logging is too verbose even when debug logging is set to “off”. The pipeline log file grows to several hundreds of MBs each day for Gentrans Integration Suite with high volume of data.

Error Message: No Errors

Resolution: Debug information was logged regardless of logging level check for the pipeline logs. The code fix will check for log debug mode else will write logs in non verbose mode when logging level is “Off” to keep the log file size at minimum.

Please apply Gentrans Integration Suite, Release 4.2 Build 4213 or later.

Functional Area: Trading Partner Profiles - AS2

Escalation ID: 1368835

Fix ID: 38954

Severity: Normal

Type: Normal Fix

Build: 4213

Translator

InQuira ID: NFX2426

Title: When using syntax records in a map, the translator is not reading in new delimiters.

Description: When using syntax records in a map, the translator is not reading in new delimiters, when they change.

Error Message: There are no specific error messages. The translator will treat the documents with the “new” delimiters as if they’re using the previous document’s delimiters.

There may errors such as, mandatory segments missing.

Resolution:

This is resolved in Gentran Integration Suite release 4.1.1 patch 1987, Gentran Integration Suite release 4.2 patch 4213, and Gentran Integration Suite release 4.3 patch 4309 and higher.

After applying the patch download and reinstall the map editor.

Functional Area: Translator

Escalation ID: 1367899

Fix ID: 45494, 39134, 39252

Severity: Normal

Type: Normal Fix

Build: 1987, 4309, 4213

InQuira ID: NFX1969

Title: The XSD date format is not outputting correctly.

Description:

A field within a map has a date format of XSD Date. The XSD date format is not outputting correctly.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4213 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4309 or later.

After applying this patch, reinstall the Map Editor.

Functional Area: Translator

Escalation ID: 1368336

Fix ID: 43081, 43082, 40629, 40628

Severity: Normal

Type: Normal Fix

Build: 4213, 4309

InQuira ID: NFX2698

Title: When mapping to a database with a SQL map, only 1 commit is ran.

Description: When mapping to a database with a SQL map, only 1 commit is ran after all iterations of the map are completed.

Error Message: none

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4309, Gentran Integration Suite, Release 4.2 Build 4213 or later.

After applying this patch, reinstall the Map Editor.

The following line must be added to the translator.properties file:

```
commit_after_map_iteration=true
```

Functional Area: Translator

Escalation ID: 1369337

Fix ID: 40614, 40613

Severity: Normal

Type: Normal Fix

Build: 4309, 4213

User Interface

InQuira ID: NFX2803

Title: Navigating through MBI search results is throwing blank pages.

Description: MBI Search issue, when a user does a mailbox search with a start & end time parameters on the same day but with start being in AM and end being in PM, the search may return full results but will only display the first 10 results and navigating to next page gives a blank list, with the caption saying something like "Items 11 - 0 of 0". However if the mailbox search with a start & end time are both in the PM or AM then the results are displayed correctly.

Error Message: Blank result list

Resolution: null

Functional Area: User Interface

Escalation ID: 1369773

Fix ID: 158223

Severity: Normal

Type: Normal Fix

Build: 4213

InQuira ID: NFX2768

Title: Schedule_MailboxEvaluateAllAutomaticRules getting displayed in CurrentProcess after applying patch4212.

Description: Schedule_MailboxEvaluateAllAutomaticRules getting displayed in CurrentProcess after applying patch4212 which is not expected behavior.

Error Message: Since business process is scheduled to run every minute, Customer is unable to see other Business Processes from Current Processes screen

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4213 or later

Functional Area: User Interface

Escalation ID: 1369606

Fix ID: 159132

Severity: Normal

Type: Normal Fix

Build: 4213

InQuira ID: NFX2619

Title: The UI-”Current Activities” the entries are not refreshed for failed FTP and CD sessions and displayed as ‘Waiting’.

Description: If the Begin Session fails then error handling is correct in the business process but in the ‘Current Activities’ list the session status is not updated, making the user think that its still active.

The erroneous FTP sessions will not hold up any Gentran Integration Suite resources, however this is not correctly reflected in UI “Current Activities” results.

Error Message: No errors.

Resolution:

UI “Current Activities” results fixed to reflect the correct latest session status.

Please apply Gentran Integration Suite, Release 4.3 Build 4309 or later and for Gentran Integration Suite, Release 4.2 Build 4213 or later.

Functional Area: User Interface

Escalation ID: 1367098

Fix ID: 39469, 38891

Severity: Normal

Type: Normal Fix

Build: 4309,4213

Workflow Engine

InQuira ID: NFX2586

Title: Event service continuously reports business processes which failed to be resumed.

Description: The EventService does not delete rows which fail to be resumed by the TimeoutEvent Business Process when a mismatch occurs between the EVENT and WORKFLOW_CONTEXT tables The Timeout Event business process will fail on each execution until this row is removed. This leads to other business processes that used the WAIT Service to remain in WAIT status indefinitely.

Error Message: The following can be seen in the wfexception log which clearly states that a corresponding WFC cannot be found that matches the row found in the EVENT Table.

```
continuing wfc id : sap10114:82c01f:1177e39ccf3:2bfd  
Expired 4 Business Processes.failed to continue wfs : [
```

The event service will fail on the same (first failed) workflowID in the EVENT table where it cannot find a match in the WORKFLOW_CONTEXT table, therefore unable to resume the business process.

Resolution: It appears that the mismatch between the WORKFLOW_CONTEXT and EVENT table were caused by manual database intervention or cleanup process.

The offending row was removed from the EVENT Table to enable the event service to complete successfully.

Fix to EventService to remove rows from EVENT where it failed to resume the business process because a corresponding Workflow_ID cannot be found in WORKFLOW_CONTEXT.

Please apply Gentran Integration Suite, Release 4.2 Build 4213 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4309 or later.

Functional Area: Workflow Engine

Escalation ID: 1369201

Fix ID: 38857, 38855

Severity: Normal

Type: Normal Fix

Build: 4309, 4213

InQuira ID: NFX1896

Title: JDBC Pool Connection issues/improvements

Description: JDBC Pool Connection issues/improvements

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4213 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4306 or later.

Functional Area: Workflow Engine

Escalation ID: 1368365

Fix ID: 42118, 42312, 38660

Severity: Normal

Type: NormalFix

Build: 4306, 4213

Build 4212 Product Enhancements and Fixes

Build 4212 Product Enhancements

Gentran Integration Suite 4.2, Build 4212 contains product enhancements for the Connect:Direct Server adapter.

- ◆ ENH751
- ◆ ENH752
- ◆ ENH700
- ◆ ENH753

ENH751

Title: Allow netmap checking to be configurable to check for node name and IP address, node name only, or no validation

Request Description: When configured for netmap validation, the Connect:Direct Server Adapter (CDSA) required both the node name and IP address of a remote PNODE (client) to match before a session could be established. A new design provides the capability of choosing whether or not to include the IP address when validating a remote PNODE connection.

Escalation ID: 1361832 (44587)

Status: Completed

Request Resolution:

The Administration user interface (Services configuration, InitParms page, Netmap Check) now allows you to specify one of three modes of netmap validation:

- ◆ PNODE name and IP address
- ◆ PNODE name only, or
- ◆ None (Netmap Validation disabled).

Note: Existing CDSA configurations are unaffected.

Please apply Gentran Integration Suite 4.2 patch 4212 or later.

ENH752

Title: Connect:Direct Adapter session limits now configurable on a per-node basis

Request Description: The Connect:Direct Server Adapter (CDSA) can be configured to restrict both locally initiated (pnode) and remotely initiated (snode) session limits. Session limits can now also be per node, permitting control at the session level.

Escalation ID: 1367984 (44592)

Status: Completed

Request Resolution: This feature is identical to the Adapter definition except that these configuration items may be specified per node in the adapter's netmap. If the adapter's netmap override parameter is enabled, each node in the netmap may have different session limits defined.

Configure node-level session limits on the Nodes:Specification page, Services Configuration Task for the desired adapter.

Enter the maximum number of:

- ◆ Locally initiated (pnode) sessions allowed
- ◆ Remotely initiated (snode) sessions allowed

If a value is specified, the effective limit is determined by taking the smaller of the two values: the session limit for the adapter and this session limit for this remote node. If no values are specified, the adapter-level limit is used.

Please apply Gentran Integration Suite 4.2 patch 4212 or later. See the updates in the Gentran Integration Suite 4.2 Documentation Library for details.

ENH700

Title: Support for Common Name checking of certificates added to Secure+ in Connect:Direct Server adapter

Request Description: Support for Common Name checking of certificates was requested for Secure+ in Connect:Direct Server adapter, enhancing the adapter's compatibility with other Connect:Direct products.

Escalation ID: 1365649 (42056/CC57 for 4307, 43717 for 4212)

Status: Completed

Request Resolution: Please apply Gentran Integration Suite 4.2 patch 4212 or later. See the updates in the Gentran Integration Suite 4.2 Documentation Library for details.

Please apply Gentran Integration Suite 4.3 patch 4307 or later. See the updates in the Gentran Integration Suite 4.3 Documentation Library for details.

ENH753

Title: Connect:Direct Server adapter enhanced to allow short-term session retry

Request Description: The Gentran Integration Suite Connect:Direct Server Adapter (CDSA) can be configured to retry session connection failures. This involves specifying the number of retry attempts and the interval of time in minutes between these attempts.

A finer-grained short-term retry mechanism was requested for performing successive retries within a shorter period of time, specified in seconds.

Escalation ID: 1368616 (44590)

Status: Completed

Request Resolution:

A new capability to configure short-term retries was added. This is done with two new parameters, ShortTermMaxRetries and ShortTermRetryInterval, which are configured on the adapter's InitParms page.

Values configured at the adapter level for the new parameters may also be overridden in the Begin Session Service. This may be done from the GPM or in XML.

When logging is enabled, short-term retry activity is written to the adapter's log file.

Please apply Gentran Integration Suite 4.2 patch 4212 or later. See the updates in the Gentran Integration Suite 4.2 Documentation Library for details.

Build 4212 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4212 in the following areas:

- ◆ ACH
- ◆ BPML Text Editor
- ◆ Adapter Obscure Infrastructure
- ◆ Adapters – WebMethods
- ◆ B2B Mail Client Adapter
- ◆ CII Envelope Service
- ◆ Connect:Direct Interop
- ◆ DMCOPYRT
- ◆ Import/Export Gentran Integration Suite
- ◆ Import/Export User Interface
- ◆ Mailboxing
- ◆ Map Editor
- ◆ RosettaNet
- ◆ User Interface
- ◆ Web Services
- ◆ Workflow Engine

ACH

InQuira ID: NFX2318

Title: ACHDevelope process errors when ACH batches are not in sequence

Description: ACH file has batches that are not in sequence. For instance, the first batch is 0000003 and the next batch is 0000009. This causes an Interchange Non-Compliant error because the batches are not in sequence.

Error Message:

Interchange Non-Compliant error

Resolution:

Please apply Gentrans Integration Suite, Release 4.2 Build 4212 or later.

A new parameter value has been introduced to the enveloping.properties(.in) file to turn off inbound sequence checking for ACH documents. The default for this parameter is set to true to maintain default behavior.

developing.ACH.sequenceCheckTraceNumbers=true (default behavior to do the sequence check for inbound ACH documents)

If no sequence checking is needed, set the parameter to false.

developing.ACH.sequenceCheckTraceNumbers=false (turn off sequence checking for inbound ACH documents)

Be sure to make the change to the customer_overrides.properties file instead of the system enveloping.properties(.in) so that the setting is not overwritten when another patch is installed.

Functional Area: ACH

Escalation ID: 1367657

Fix ID: 41973

Severity: Normal

Type: New Functionality

Build: 4212

BPML Text Editor

NFX2096

Title: AS2SendSyncMDN, AS2SendNoMDN, AS2SendASyncMDN business processes have invalid assign statement (missing single quotes) in RaiseException

Description: When any of these 3 business processes (AS2SendSyncMDN, AS2SendNoMDN, AS2SendASyncMDN) execute, the following error in the event BP Exception Service is received.

```
javax.xml.transform.TransformerException: Extra illegal tokens: 'during', 'attempt', 'to', 'send', 'message'
```

After looking at the business processes, the error is occurring because the message is not enclosed in single quotes and hence it is not treated a literal in the assign statement. Following is the extract from the business process:

```
<operation name="RaiseException">
  <participant name="BPExceptionService"/>
  <output message="Xout">
    <assign to="exceptionCode" from="transactionStatus/text()"></assign>
    <assign to="statusReport" from="Exception during attempt to send
message"></assign>
  </output>
  <input message="inMessage">
    <assign to="." from="*"></assign>
  </input>
</operation>
```

To manually fix the problem, modify the MailboxAS2SendSyncMDN business process to add single quotes to the value in the 'from' clause of the 'statusReport' assign.

```
<operation name="RaiseException">
  <participant name="BPExceptionService"/>
  <output message="Xout">
    <assign to="exceptionCode" from="transactionStatus/text()"></assign>
    <assign to="statusReport" from="'Exception during attempt to send
message'"></assign>
  </output>
  <input message="inMessage">
    <assign to="." from="*"></assign>
  </input>
</operation>
```

Error Message:

```
javax.xml.transform.TransformerException: Extra illegal tokens: 'during', 'attempt',
'to', 'send', 'message'
```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: BPML Text Editor

Escalation ID: 1369127

Fix ID: 44224

Severity: Normal

Type: Normal Fix

Build: 4212

Adapter Obscure Infrastructure

InQuira ID: NFX2294

Title: Obscure Data - Process Data Values Service parameter name/values are restricted to 30 char length

Description:

The fields used to enter parameter names and values within Obscure Data - Process Data Values Service are limited to 30 characters in length.

Error Message: No error. User interface is limited to 30 characters and can not be exceeded.

Resolution:

To resolve this issue, apply Build 4212 or later for Gentran Integration Suite 4.2

Up to 255 characters can now be entered.

Functional Area: Adapter Obscure Infrastructure

Escalation ID: 1368870

Fix ID: 43286

Severity: Normal

Type: Normal Fix

Build: 4212

Adapters – WebMethods

InQuira ID: NFX2027

Title: The Web Methods Subscriber Instance Properties Event requires all 20 events to be completed

Description:

Gentran Integration Suite 4.2 using patch 4210.

The Web Methods Subscriber Instance Properties Event requires all 20 events to be completed.

Error Message:

Event 2 is invalid. It must be at least 1 character(s). Please try again.

Resolution:

A work around for this problem is to complete all 20 events with the same values.

Or please update to Gentran Integration Suite Release 4.2.0 patch 4212 or higher.

Functional Area: Adapters – WebMethods

Escalation ID: 1368992

Fix ID: 44017

Severity: Normal

Type: Normal Fix

Build: 4212

B2B Mail Client Adapter

InQuira ID: NFX1831

Title: MailClientParms, invalid business process, null or invalid contract id, null

Description:

B2B Mail Client Adapter

When URI and User Name are not the same value, the system log reports

```
GLOBAL_SCOPE MailClientParms, invalid business process, null or invalid contract id, null
```

Business Process Status Report shows 'Invalid Mail Client parms'

Resolution:

This issue has been corrected in the following Releases of Gentran Integration Suite:

Gentran Integration Suite, Release 4.3.0 Patch 4307 or higher

Gentran Integration Suite, Release 4.2.0 Patch 4212 or higher

Functional Area: Adapter – POP3

Escalation ID: 1368522

Fix ID: 43123, 43119

Severity: Normal

Type: Normal Fix

Build: 4307, 4212

CII Envelope Service

InQuira ID: NFX1608

Title: CII Envelope got an exception error when an output CII becomes just 251 byte

Description:

CII Envelope got an exception error when an output CII becomes just 251 byte However, with the build 4207, CII Envelope service got an error '31: Exception Encountered' by 'java.lang.NegativeArraySizeException'. Customer also tested with around 251 byte, multiple number of 251 and around multiple numbers, but no problem with them. It seems that this problem comes up with just 251 byte only.

Resolution:

Please apply Gentran Integration Suite, Release 4.0.3 Build 34 or later

Please apply Gentran Integration Suite, Release 4.1.1 Build 1987 or later

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later

Please apply Gentran Integration Suite, Release 4.3 Build 4308 or later

Functional Area: CII Envelope service

Escalation ID: 1368989, 1367223

Fix ID: 43733, 43734, 43735, 43736

Severity: Normal

Type: Normal Fix

Build: 34, 1987, 4212, 4308

Connect:Direct Interop

InQuira ID: NFX2257

Title: ORA-01400: cannot insert NULL into ACT_AUTHENTICATE

Description: Customer receives the ORA-01400 on ACT_AUTHENTICATE table error in the Visibility log. Tested and found issue is when the business process Connect:Direct Server Begin Session service does not use the RemoteUserId and instead uses proxy to set a userid.

Error Message:

```
[2007-11-14 18:38:07.826] ERROR SQL Error Code: 1400
[2007-11-14 18:38:07.826] ERROR SQL State: 23000
java.sql.SQLException: ORA-01400: cannot insert NULL into
("GIS_USER"."ACT_AUTHENTICATE"."PRINCIPAL")
    at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java:112)
    at oracle.jdbc.driver.T4CTTioer.processError(T4CTTioer.java:331)
    at oracle.jdbc.driver.T4CTTioer.processError(T4CTTioer.java:288)
    at oracle.jdbc.driver.T4C8Oall.receive(T4C8Oall.java:743)
    at
oracle.jdbc.driver.T4CPreparedStatement.doOall8(T4CPreparedStatement.java:216)
    at
oracle.jdbc.driver.T4CPreparedStatement.executeForRows(T4CPreparedStatement.java:955
)
    at
oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(OracleStatement.java:1168)
    at
oracle.jdbc.driver.OraclePreparedStatement.executeInternal(OraclePreparedStatement.j
ava:3316)
    at
oracle.jdbc.driver.OraclePreparedStatement.execute(OraclePreparedStatement.java:3422
)
    at sun.reflect.GeneratedMethodAccessor170.invoke(Unknown Source)
    at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25
)
    at java.lang.reflect.Method.invoke(Method.java:324)
    at
com.sterlingcommerce.woodstock.mailbox.db.SQLWrapper.forwardMethod(SQLWrapper.java:6
5)
```

```

        at
com.sterlingcommerce.woodstock.mailbox.db.StatementWrapper.invoke(StatementWrapper.java:144)
        at $Proxy1.execute(Unknown Source)
        at
com.sterlingcommerce.woodstock.dmi.visibility.db.DmiVisEventWarehouse$1.body(DmiVisEventWarehouse.java:281)
        at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation._runInTransaction(DatabaseOperation.java:301)
        at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runInTransaction(DatabaseOperation.java:152)
        at com.sterlingcommerce.woodstock.dmi.visibility.db.DmiVisEventWarehouse$Worker.executeState

```

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: Connect:Direct Interop

Escalation ID: 1368326

Fix ID: 44713

Severity: Normal

Type: Normal Fix

Build: 4212

InQuira ID: NFX2275

Title: Connect:Direct Server Adapter (CDSA) overfills the negotiated secure+ send buffer causing failures on the receiving remote

Description:

The CDSA failed to correctly account for any expansion resulting from the use of Secure+ (encryption). For example, if the negotiated buffer size is 16K and encryption adds another 100 bytes when the remote side receives the copy buffer which is now 16100, an error is thrown on the remote Connect:Direct Server because the buffer size receive was larger than the negotiated buffer size.

Error Message:

```

[2008-02-26 15:52:30.279] DEBUG 000000000000 GLOBAL_SCOPE PNodeConnection.execute() -
uh oh, got an exception returning from pSession execute successfully on Pnode Session
Id=
GEGEN_CDServerAdapter_GISDEV_DMZ01_93PS_CDSERVER_ADAPTER_node1P03875897274L5863:5202
6213 Exception= CdException: CdSecurePException:
com.sterlingcommerce.cd.cdjava.CdSecurePException:
MSGID=JSKT003E,RC=8,FDBK=1,CLMTHNAME=CdCommMgr.doHandshake,
CDTXT="The Secure+ SSL or TLS handshake operation failed.
Check the error text for SSL/TLS error information and follow diagnostic and
reporting procedures.",
JTXT="com.certicom.net.ssl.SSLProtocolException: FATAL Alert:BAD_RECORD_MAC - A
record was received with an incorrect MAC."

```

Thread=Thread-6886

Resolution:

The CDSA now correctly estimates the encryption overhead and constrains the output size to within the negotiated buffer size limit.

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: Connect:Direct Interop

Escalation ID: 1368664

Fix ID: 44584

Severity: Normal

Type: Normal Fix

Build: 4212

InQuira ID: NFX2277

Title: Connect:Direct Server Adapter fails to acknowledge the FMH75 response request during session disconnect.

Description: CDSA fails to acknowledge the FMH75 response request during session disconnect.

Error Message:

```
[2008-02-26 15:50:54.132] ERROR 000000000000 GLOBAL_SCOPE
CDServerPrimitiveBeginSessionService - recording a failed Begin Session attempt with
fault code [Connect:Direct Server Error]
com.sterlingcommerce.woodstock.cdinterop.server.CDInteropRemoteNodeException:
  at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.createPNodeConnect
ion(CDServer.java:792)
  at
com.sterlingcommerce.woodstock.cdinterop.impl.serverImpl.CDServer.beginSession(CDSe
ver.java:478)
  at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl.
beginSession(CDServerAdapterLittleAImpl.java:249)
  at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
  at
sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java(Compiled
Code))
  at
sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java(Compiled
Code))
  at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java(Co
mpiled Code))
  at java.lang.reflect.Method.invoke(Method.java(Compiled Code))
  at sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java(Compiled Code))
  at sun.rmi.transport.Transport$1.run(Transport.java:164)
  at java.security.AccessController.doPrivileged1(Native Method)
  at java.security.AccessController.doPrivileged(AccessController.java(Compiled
Code))
```



```
at sun.rmi.transport.Transport.serviceCall(Transport.java:160)
at sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:505)
at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.handleRequest(TCPTransport.java
:837)
at sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.java:911)
at java.lang.Thread.run(Thread.java(Compiled Code))
at
sun.rmi.transport.StreamRemoteCall.exceptionReceivedFromServer(StreamRemoteCall.java
:264)
at sun.rmi.transport.StreamRemoteCall.executeCall(StreamRemoteCall.java:240)
at sun.rmi.server.UnicastRef.invoke(UnicastRef.java:149)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerAdapterLittleAImpl_
Stub.beginSession(Unknown Source)
at
com.sterlingcommerce.woodstock.services.cdinterop.server.CDServerBeginSessionService
.primitiveProcessData(CDServerBeginSessionService.java:136)
at
com.sterlingcommerce.woodstock.services.cdinterop.CDService$1.run(CDService.java:94)
at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runContained(DatabaseOpe
ration.java:109)
at
com.sterlingcommerce.woodstock.services.cdinterop.CDService.processData(CDService.ja
va:92)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQue
eListener.java(Compiled Code))
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:157)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:143)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:3
32)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor
.java:494)
at java.lang.Thread.run(Thread.java(Compiled Code))
```

Resolution: The response request is now being acknowledged, and if requested, a positive response is sent to the remote node.

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: Connect:Direct Interop

Escalation ID: 1368584

Fix ID: 44585

Severity: Normal

Type: Normal Fix

Build: 4212

InQuira ID: NFX2278

Title: Concurrent Connect:Direct Server Adapter WriteToBP operations appear to collide writing data to the same document

Description: Trading partner files are being combined into one file.

Resolution: An unprotected critical region has been identified and tighter handling of exceptions will be made to address this issue. This fix also includes a fix to not parse the process name when receiving files from a remote Connect Direct Server.

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: Connect:Direct Interop

Escalation ID: 1368479

Fix ID: 44586

Severity: Normal

Type: Normal Fix

Build: 4212

InQuira ID: NFX2315

Title: Type Record containing only disposition is not honored transferring from Gentran Integration Suite to C:D OS/390

Description: Type Record containing only disposition is not honored transferring from Gentran Integration Suite to C:D OS/390.

The CDJava engine in Gentran Integration Suite is not honouring any Type key record that is specified in the business process.

The problem is caused because in addition to passing the Type Key record to be used on the OS/390 C:D node default values for the 3 DISPosition parameters are also passed. These will then have the effect of overriding any DISPosition values specified in the TYPE record on OS/390.

Resolution:

The disposition and DCB attribute defaults were being sent to the remote OS/390 node even though a Type Record specified. Now, all disposition fields and all DCB fields are cleared (and not sent) unless they have been explicitly set in the submitted [business] process.

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1367474

Fix ID: 44580

Severity: Normal

Type: Normal Fix

Build: 4212

InQuira ID: NFX2316

Title: Connect:Direct Server Adapter (CDSA) Session IDs are not reused under heavy concurrency

Description: When the CDSA is attempting to create a pnode session with a remote CD server (the snode), and, the snode is restricted in the number of snode sessions it may support, the CDSA reuses allocated session IDs in future session attempts with this snode.

Error Message:

cdinterop_cdjava.log:

```
CDTXT="An error occurred on the remote CONNECT:Direct during the handshake protocol  
after connecting. Please retry the operation. If the problem persists contact your  
CONNECT:Direct administrator. The FMH70 return code and msgid are ",  
JTXT="8,XPMR011I"
```

Resolution:

This issue is caused by an internal process that was prematurely cleaning up the connections.

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: Connect Direct Interop

Escalation ID: 1368198

Fix ID: 44582

Severity: Normal

Type: Normal Fix

Build: 4212

DMCOPYRT

InQuira ID: NFX1021

Title: ABEND S0C9 in DMCOPYRT due to Gentran Integration Suite Connect:Direct protocol violation

Description: Symptom:

Gentran Integration Suite sends file to Connect:Direct requesting checkpointing, but the checkpointing turned off and results in ABEND S0C9 in Connect:Direct module DMCOPYRT.

Cause:

Gentran Integration Suite sends file to Connect:Direct requesting checkpointing. When the checkpointing is refused by Connect:Direct due to the file failing the ISITMGD macro (resulting in SVSG026I message in CDESTAE), Gentran Integration Suite attempts to checkpoint anyway and sends the FMH80 at the first checkpoint interval. Connect:Direct takes the FMH80 and attempts to process it, resulting in the S0C9 ABEND.

Error Message:

```
SVSG026I ISITMGD failed RC=00000004 RE=00000030
```

Resolution:

For Connect:Direct OS/390, Release 4.4, apply fix T037161 (Post PUT4402)

For Connect:Direct OS/390, Release 4.5, apply fix T037200 (Post PUT4501)

For Connect:Direct for z/OS, Release 4.6, apply fix T037202 (PUT4601)

Note: The actual problem is on the Gentran Integration Suite side; this fix prevents the error from ABENDING Connect:Direct and will terminate the process with SVTQ030I RC=08.

To correct on Gentran Integration Suite Side: Please apply Gentran Integration Suite Version 4.1.1 Build 1985 or higher.

To Correct on Gentran Integration Suite Side: Please apply Gentran Integration Suite Version 4.2.0 Build 4212 or higher.

Functional Area: DMCOPYRT

Escalation ID: 1365105

Fix ID: 40209, 44690

Severity: Normal

Type: Normal Fix

Build: 1985, 4212

Import/Export Gentran Integration Suite

NFX2330

Title: Import or Export Service and Command line script take a long time to import/export a few envelopes

Description: Import or Export Service and Command line script take a long time to import/export a few envelopes when a large number of envelopes already exist.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: Import/Export Gentran Integration Suite

Escalation ID: 1368652

Fix ID: 43165

Severity: Normal

Type: Normal Fix

Build: 4212

NFX2331

Title: Import failing with error “GLOBAL_SCOPE Export: Error creating resource handler class instance”

Description: Import failing with error “GLOBAL_SCOPE Export: Error creating resource handler class instance.”

Error Message:

```
GLOBAL_SCOPE Export: Error creating resource handler class instance
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: Import/Export Gentran Integration Suite

Escalation ID: QC

Fix ID: 45213

Severity: Normal

Type: Normal Fix

Build: 4212

Import/Export User Interface

NFX2324

Title: Group Ids are getting displayed instead of Group names while exporting resources.

Description: When using Resource Manager to export resources, if Accounts are chosen and you choose ‘Groups’ to export, the report is showing the Group ID instead of Group name.

Resolution:

The correct wording of “Choose Group Id” has been added.

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: Import/Export User Interface

Escalation ID: 1368896

Fix ID: 44072

Severity: Normal

Type: Normal Fix

Build: 4212

Mailboxing

InQuira ID: NFX2048

Title: The MailboxExtractCommit never executes in the default MailboxAS2SendSyncMDN Business Process

Description: In the MailboxAS2SendSyncMDN Business Process, the sequence that should call the MailboxExtractCommit occurs in a location of the business process that can never be reached through the logic of the existing business process, because the end choice is in the wrong place. This leaves all successfully sent messages in an "In Process" state until they expire.

Resolution:

To resolve this issue, apply Build 4212 or later for Gentran Integration Suite 4.2

Functional Area: Mailboxing

Escalation ID: 1369058, 1369069

Fix ID: 44694

Severity: Normal

Type: Normal Fix

Build: 4212

InQuira ID: NFX2286

Title: Using 4.2 4210 if the MailboxAS2SendSyncMDN or MailboxAS2SendAsyncMDN post fails the mailbox extract abort service tries

Description:

Using 4.2 4210 if the MailboxAS2SendSyncMDN or MailboxAS2SendAsyncMDN post fails the mailbox extract abort service tries to execute two times

Error Message: The second mailbox extract abort service fails due to the abort already being executed and the Business Process goes into a Halted state

Resolution:

Please update to Gentran Integration Suite Release 4.2.0 patch 4212 or higher.

Functional Area: Mailboxing

Escalation ID: 1368765

Fix ID: 43743

Severity: Normal

Type: Normal Fix

Build: 4212

InQuira ID: NFX2287

Title: Unable to create an AS2 partner when the name of a new partner matches with name of an existing partner

Description: When creating AS2 partners to store messages in the Mailbox, the Gentran Integration Suite wizard creates accounts using the first eight characters of AS2 name with the suffix `_B2B`. This limits AS2 partner names to eight unique characters. In certain situations this limitation forces the customer to deviate from self imposed naming standards.

Error Message:

```
[2008-04-17 09:33:31.237] ERROR 000000000000 GLOBAL_SCOPE [AS2Editor] failed to
create/update profilePrx
com.sterlingcommerce.woodstock.security.PermissionException: Failed to create user:
[sterling_B2B]
  at
com.sterlingcommerce.woodstock.ui.tpp.AS2Editor.createUserForPartner(AS2Editor.java:
2474)
  at
com.sterlingcommerce.woodstock.ui.tpp.AS2Editor.saveProfileAll(AS2Editor.java:861)
  at com.sterlingcommerce.woodstock.ui.servlet.tpp.SaveAS2.run(SaveAS2.java:78)
[2008-04-17 09:33:31.25] ERROR 000000000000 GLOBAL_SCOPE SaveAS2 failed with return
code [6]
[2008-04-17 09:35:03.021] ERROR 000000000000 GLOBAL_SCOPE [AS2Editor] failed to
create/update profilePrx
com.sterlingcommerce.woodstock.mailbox.router.MailboxRouterException:
RepositoryDB.getMailboxesByNames() - Invalid mailbox path found in input parameter
  at
com.sterlingcommerce.woodstock.mailbox.impl.routerImpl.RouterDB.createRule(RouterDB.
java:642)
  at
com.sterlingcommerce.woodstock.mailbox.impl.routerImpl.RouterImpl.createRule(RouterI
mpl.java:423)
  at com.sterlingcommerce.woodstock.ui.tpp.AS2Editor.createRule(AS2Editor.java:2440)
  at
com.sterlingcommerce.woodstock.ui.tpp.AS2Editor.saveProfileAll(AS2Editor.java:828)
  at com.sterlingcommerce.woodstock.ui.servlet.tpp.SaveAS2.run(SaveAS2.java:78)
[2008-04-17 09:35:03.054] ERROR 000000000000 GLOBAL_SCOPE SaveAS2 failed with return
code [6]
```

Resolution:

Please update to Gentran Integration Suite Release 4.2.0 patch 4212 or higher

Functional Area: Mailboxing

Escalation ID: 1369027

Fix ID: 44152

Severity: Normal

Type: Normal Fix

Build: 4212

Map Editor

InQuira ID: NFX2313

Title: The sumtotal function does not return a value to an integer field or variable.

Description: Warning is received during compilation that you may lose digits, but the output is blank.

The value can be saved to a real variable and then set the integer field to the real variable, so it is a problem with just the function storing to an integer.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

After applying the patch download and reinstall the map editor. Re-compile any map which uses the sumtotal extended rule function and check in the new map version into Gentran Integration Suite.

Functional Area: Map Editor

Escalation ID: 1368865

Fix ID: 44260

Severity: Normal

Type: Normal Fix

Build: 4212

InQuira ID: NFX2319

Title: Unable to open any.MXL maps using the Map Editor.

Description: Errors are received when attempting to open an .MXL maps.

Error Message:

```
COM error code = 80004005
Code meaning = Unspecified error
Source = msxml4.dll
Description =
file:///C:/Program%20Files/Sterling%20Commerce/Map%20Editor/Schemas/Mapper.xsd#/sche
ma[1]/element[position()=1 and @name='Mapper']/complexType[1]/attribute[2]
Undeclared XSD attribute : '{http://www.w3.org/XML/1998/namespace}space'.
```

Resolution: This issue was introduced by a Microsoft Security update for the MSXML Components, which affected the behavior of the msxml4.dll.

A Map Editor fix has been completed to correct this issue.

Gentran Integration Suite, Release 4.3 Build 4307 and higher

Gentran Integration Suite, Release 4.2 Build 4212 and higher.

After applying the patch, download and re-install the Map Editor.

Please see solution TRB1604 for information in regard to an available workaround to this issue if the corrected Map Editor is not currently available for download.

Functional Area: Map Editor

Escalation ID: 1369480

Fix ID: 45260, 45268

Severity: Normal

Type: Normal Fix

Build: 4307, 4212

RosettaNet

InQuira ID: NFX1996

Title: Can the same RosettaNet partner in Gentran Integration Suite be initiator and responder?

Description: A's DUNS is 123456789, B's DUNS is 987654321. Can A be both seller and buyer role for B?

Initially two contracts are created. One contract for Initiator and the another for Responder. If A is only Buyer or Seller to B, then it works fine. Two more contracts are created so that A will take both Buyer and Seller roles in respect to B. But when A take both Buyer and Seller roles to B, RNIF message build in business process "RNIF_ACTION" fails with error "Contract lookup failed".

Error Message:

```
[<timestamp>] DEBUG [RNIFMessageBuilder]    Calling buildMessage .....
[<timestamp>] DEBUG RNIF20MessageBuilder.buildMessage(): Starting...
[<timestamp>] DEBUG RNIF20MessageBuilder:  Getting addresses from delivery headers
.....
[<timestamp>] DEBUG RNIFMIMEMessageProcessor: Parsing DeliveryHeader=
[<timestamp>] DEBUG Reciever ID(555123456 found, saveing
[<timestamp>] DEBUG Sender ID(123456789 found, saving
[<timestamp>] DEBUG RNIF20MessageBuilder:  Calling
ContractFinder.lookupPartnerAndIdentity2.....
[<timestamp>] DEBUG Looking up contract for Identity 123456789 and partner 555123456
[<timestamp>] DEBUG Performing contract lookup
[<timestamp>] DEBUG Looking up contract for IdentityIdentifier 123456789
PartnerIdentifier 555123456
[<timestamp>] WARN First attempt at RosettaNet contract lookup failed
[<timestamp>] ERROR Contract lookup failed
[<timestamp>] ERROR RNIF20MessageBuilder.buildMessage(): Caught exception: Unable to
load profile information
[<timestamp>] ERROR [RNIFMessageBuilder] Caught
com.sterlingcommerce.woodstock.workflow.WorkFlowException Unable to load profile
information
```

Resolution:

Apply Gentran Integration Suite Release 4.2 Build 4212 or later.

Functional Area: RosettaNet

Escalation ID: 1368806

Fix ID: 43259

Severity: Normal

Type: Normal Fix

Build: 4212

User Interface

InQuira ID: NFX2232

Title: Control number history search does not work correctly

Description: When control number history search generates multiple pages, selecting 2nd page and beyond opens 2nd page of previous search.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: User Interface

Escalation ID: 1369161

Fix ID: 44677

Severity: Normal

Type: Normal Fix

Build: 4212

Web Services

InQuira ID: NFX2054

Title: HTTP Client Adapter Dynamic Service property - Response timeout is not being used. It uses default value of 20 seconds

Description: HTTP Client Adapter Dynamic Service is used by dynamic webservice (client) created. The Service doesn't use configured value for response timeout. It uses default value of 20 seconds.

Error Message:

Dynamic service in business process gets error out due to response timeout after 20 seconds.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4212 or later.

Functional Area: Web services

Escalation ID: 1369052

Fix ID: 44605

Severity: Normal

Type: Normal Fix

Build: 4212

Workflow Engine

InQuira ID: NFX2276

Title: Unable to delete any version of a Business Process if any version has been executed and is still in the system

Description: When attempting to delete a version of a Business Process, the update will appear to work and no errors will be shown, but when the user goes back to the list of versions, that version will not have been deleted.

This will occur when any version of the Business Process has been executed and still exists in the system, i.e. the process is still waiting for Archive or Purge, or else it is in an uncompleted state like Halted.

Please note that this not only affects the version of the process that is still in the system, which should not be allowed to be deleted, but affects all versions of the process, whether or not they have ever been executed.

Resolution:

To resolve this issue, apply Build 4212 or later for Gentran Integration Suite 4.2

Functional Area: Workflow Engine

Escalation ID: 1368825

Fix ID: 44178

Severity: Normal

Type: Normal Fix

Build: 4212

InQuira ID: NFX2087

Title: AS2 processes are not showing in the Current Processes display

Description: The AS2 processes (for example AS2SendSyncMDN, EDIIntParse, etc.) are not displayed in the Current Processes screen when Gentran Integration Suite is installed on SQL Server or Oracle.

Resolution:

For Gentran Integration Suite 4.2, apply Build 4212 or later to resolve the issue

For Gentran Integration Suite 4.3, apply Build 4307 or later to resolve the issue

Functional Area: Workflow Engine

Escalation ID: 1368358

Fix ID: 43581,43583

Severity: Normal

Type: Normal Fix

Build: 4307, 4212

InQuira ID: NFX2103

Title: Business Processes hang in Active Status on last step of Inline subprocess when persistence is set less than full.

Description: Business Processes remain in Active Status. The Business Process monitor will show that the last step of Inline subprocess has not completed. This behavior is only evident when persistence is set less than full.

Resolution:

Apply Gentran Integration Suite patch 4307 or higher

Apply Gentran Integration Suite patch 4212 or higher

Functional Area: Workflow Engine

Escalation ID: 1368744

Fix ID: 42955, 43608

Severity: Normal

Type: Normal Fix

Build: 4307, 4212

Build 4211 Product Enhancements and Fixes

Build 4211 Product Enhancements

Gentran Integration Suite 4.2, Build 4211 contains no additional product enhancements.

Build 4211 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4211 in the following areas:

- ◆ ACHDevelope
- ◆ Adapter
- ◆ Adapters – Command Line
- ◆ Adapters – File System
- ◆ Adapters – FTP
- ◆ Adapters – FTP Server
- ◆ Document Keyword Replace Service
- ◆ EDI – TRADACOMS
- ◆ EDIINT
- ◆ Enabling Technologies
- ◆ Event
- ◆ Import/Export
- ◆ Import/Export Core
- ◆ Import/Export Standards
- ◆ Index
- ◆ Mailbox Screen
- ◆ Mailboxing
- ◆ Map Editor
- ◆ Performance

- ◆ Purge
- ◆ Reporting – Core
- ◆ RosettaNet
- ◆ SWIFT Validation Rules
- ◆ SWIFTNet Server Adapter
- ◆ Trading Partner Profiles
- ◆ Translator
- ◆ User Interface
- ◆ User Interface – Standards
- ◆ Workflow Engine
- ◆ Yantra Integration

ACHDeenvelope

InQira ID: NFX1983

Title: ACHDeenvelope process is extremely slow

Description: ACHDeenvelope process is extremely slow. A 900K file takes over a half-hour to complete.

Error Message No error messages, but ACHDeenvelope process is extremely slow.

Resolution: This issue has been corrected in Gentran Integration Suite 4.2, Build 4211. The Code was modified to have batch support enabled for all databases via a property file parameter in `jdbc.properties.in`:

```
query.canBatchCrls=true
```

To disable batch inserts either are acceptable:

```
// globally
query.canBatchCrls=false
// vendor specific
query.canBatchCrls.db2=false
```

In addition, to accommodate ACH envelope wildcarding, the following `enveloping.properties.in` parameters allow greater control:

```
deenveloping.ACH.transEnvLookupCompanyID=true
deenveloping.ACH.transEnvLookupDfiNumber=true
deenveloping.ACH.transEnvLookupOrigDFIid=true
deenveloping.ACH.transEnvLookupRcvDFIid=true
```

If any of the above fields are wildcarded in the envelope, the corresponding value should be set to ‘false’ in `enveloping.properties.in` to optimize envelope lookups. These parameters default to ‘true’ which preserves the default behavior.

Third, another `enveloping.properties.in` file parameter allows the disabling of Return Info persistence at a global level.

```
deenveloping.ACH.persistReturnInfo=true
```

However, ideally this parameter should be set at the envelope level.

When changing any of the above parameters, please stop Gentran Integration Suite and modify the appropriate .in file (example: jdbc.properties.in, enveloping.properties.in). Then, run setupfiles.sh (Unix) or setupfiles.cmd (Windows) and restart Gentran Integration Suite. As always, it prudent to have a recent backup of Gentran Integration Suite and the database on hand before making changes to the Gentran Integration Suite system.

Functional Area: ACHDeenvelope

Escalation ID: 1367751

Fix ID: 41972, 42601, 42604, 42608

Severity: Normal

Type: Normal Fix

Build: 4211

Adapter

InQuira ID: NFX1920

Title: FTP Client End never disconnects session when “221” is received and not “221 Goodbye” after the client issues the QUIT

Description: Gentran Integration Suite version 4.1 with patch 1981.

FTP server responds to FTP Client End QUIT command with response containing only the 3 digits 221. No text accompanies the 3 digit response. The FTP Client End never disconnects and the connection has to be closed manually. Additional symptoms include multiple FTP client logs generated, hung port and NOAPP.exec consumes 99% CPU.

Resolution: This issue has been corrected in the following releases of Gentran Integration Suite:

Gentran Integration Suite, Release 4.1.1 Patch 1986 or higher

Gentran Integration Suite, Release 4.2.0 Patch 4211 or higher

Functional Area: Adapter

Escalation ID: 1367888

Fix ID: 41894,41887

Severity: Normal

Type: Normal Fix

Build: 1986, 4211

Adapters – Command Line

InQuira ID: NFX1963

Title: After applying 4208, the AFT Unpackage Service is failing when pgp.RENAME=NO.

Description: AFT Unpackage Service is failing when `pgp.RENAME=NO`, but will run successfully with `pgp.RENAME=YES`. The failure occurs in while Command Line Adapter 2 is executing the PGP decryption. You will see the following error in the logs:

```
Exception in CmdLine2Thread  
java.lang.Exception: Expected file to collect does not exist
```

Issue is only present when Input filename is the same as the Output filename.

Resolution: Apply Gentran Integration Suite maintenance patch 4211 or higher

This patch includes a change to the `CLA2Client.jar`. If you are running the command line client on a remote machine, be sure to deploy this file to those locations.

Functional Area: Adapters – Command Line

Escalation ID: 1367707

Fix ID: 42538

Severity: Normal

Type: Normal Fix

Build: 4211

Adapters – File System

InQuira ID: NFX1904

Title: File System Adapter halts with error “modification time under limit - not collected”

Description: File System Adapter halts with error “modification time under limit - not collected”.

This occurs when these parameters are set:

`nfilesSetsuccess` set to ‘Yes’

`collectmultiple` set to ‘Yes’

The ‘`nfilessetsuccess`’ parameter not honoured if the ‘`collectmultiple`’ parameter is set to true.

Resolution: Please apply Gentran Integration Suite, Release 4.1.1 Build 1986 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4306 or later.

Functional Area: Adapters – File System

Escalation ID: 1368343

Fix ID: 42092, 42090, 42091

Severity: Normal

Type: Normal Fix

Build: 4306, 1986, 4211

Adapters – FTP

InQuira ID: NFX1905

Title: FTP Client GET Service will fail if file size is greater than 2Gb and CheckFileSize is set to “Yes” in BPML

Description: FTP Client GET Service will fail if file size is greater than 2Gb and CheckFileSize is set to “Yes” in BPML

```
FTPClient Get java.lang.NumberFormatException: For input string: "2268048369"
[2008-02-18 16:21:34.79] DEBUG <30231808> 000000000000 GLOBAL_SCOPE
FtpClient.getFileSize(FLR) -rw-r--r-- 1 martin martin 2900361216 Feb 18 16:19
Sec51.iso
[2008-02-18 16:21:34.791] DEBUG <30231808> 000000000000 GLOBAL_SCOPE
FtpDirectoryEntry.doParsing(S) entering ...
[2008-02-18 16:21:34.791] DEBUG <30231808> 000000000000 GLOBAL_SCOPE
FtpDirectoryEntry.doParsing(S) Raw entry = -rw-r--r-- 1 martin martin 2900361216 Feb
18 16:19 Sec51.iso
[2008-02-18 16:21:34.791] DEBUG <30231808> 000000000000 GLOBAL_SCOPE
FtpDirectoryEntry.canGetAllToken(S,S[]) enter. [2008-02-18 16:21:34.791] DEBUG
<30231808> 000000000000 GLOBAL_SCOPE FtpDirectoryEntry.canGetAllToken(S,S[]) input =
-rw-r--r-- 1 martin martin 2900361216 Feb 18 16:19 Sec51.iso
[2008-02-18 16:21:34.791] DEBUG <30231808> 000000000000 GLOBAL_SCOPE
FtpDirectoryEntry.canGetAllToken(S,S[]) exit. [2008-02-18 16:21:34.791] DEBUG
<30231808> 000000000000 GLOBAL_SCOPE FtpDirectoryEntry.doParsing(S) exit.
[2008-02-18 16:21:34.826] ERROR <HAR.977581.Thread> 000000000000 GLOBAL_SCOPE
FTPClientGet
java.lang.NumberFormatException: For input string: "2900361216" at
java.lang.NumberFormatException.forInputString(NumberFormatException.java:48)
at java.lang.Integer.parseInt(Integer.java:459) at
java.lang.Integer.<init>(Integer.java:620) at
com.sterlingcommerce.woodstock.services.psftpclient.client.FtpClient.getFileSize(Ftp
Client.java:758)
at
com.sterlingcommerce.woodstock.services.psftpclient.client.FtpClient.get(FtpClient.j
ava:495)
```

Resolution: Please apply Gentran Integration Suite, Release 4.1.1 Build 1986 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4306 or later.

Functional Area: Adapters – FTP

Escalation ID: 1368346

Fix ID: 42354, 42014, 42352

Severity: Normal

Type: Normal Fix

Build: 4306, 1986, 4211

Adapters – FTP Server

InQira ID: NFX1936

Title: When using a single data port for Gentran Integration Suite FTP server adapter FTP Clients can issue only one command

Description: This issue has not occurred on Gentran Integration Suite Windows or perimeter servers on Windows.

Problem encountered with Red Hat operating systems and only for FTP Active mode.

Gentran Integration Suite FTP Server Adapter is coded with only 1 port for Active Data Port Range. FTP Client issues first data transfer command successfully. Subsequent data transfers are returned FTP Server message 425 Can't Open Data Connection. If FTP Client remains connected long enough may be able to complete a success transfer once the FTP Server data port becomes available.

Resolution: Please update to Gentran Integration Suite Release 4.2.0 Patch 4211 or Higher

Functional Area: Adapters – FTP Server

Escalation ID: 1368698

Fix ID: 43011

Severity: Normal

Type: Normal Fix

Build: 4211

Document Keyword Replace Service

InQira ID: NFX1768

Title: Document keyword replace service does not retain the character encoding of the document

Description: Document keyword replace service does not retain the character encoding of the document

After the Document Keyword Replace service ran against the PrimaryDocument, certain characters, in this case double byte characters, were no longer readable. If the GetDocumentInfo service is added to the business process, it shows the document is no longer properly encoded.

Resolution: Please apply Gentran Integration Suite, Release 4.0.3 Build 33 or later.

Please apply Gentran Integration Suite, Release 4.1.1 Build 1986 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4306 or later.

Functional Area: Document Keyword Replace Service

Escalation ID: 1367948

Fix ID: 41758, 41759, 41760, 41761

Severity: Normal

Type: Normal Fix

Build: 33, 1986, 4211, 4306

EDI – TRADACOMS

InQuira ID: NFX1900

Title: TRADACOMS_Envelope_INVOIC.map gets compilation errors

Description: TRADACOMS_Envelope_INVOIC.map will compile on Gentran Integration Suite 4.2 build 4206. On Build 4209 and 4.3 Build 4301, this map gets compilation errors

Error Messages:

```
Error 2001, Line 2: 'NOSG' is not a member of 'MTR:2'  
Error 2001, Line 2: 'NOSG' is not a member of 'MTR:3'
```

Resolution: Corrected the extended rules for the elements NOSG:2 and NOSG:3 that were referencing non-existent elements.

Please apply Gentran Integration Suite, Release 4.2 Build 4211.

Please apply Gentran Integration Suite, Release 4.3 Build 4306.

Functional Area: EDI – TRADACOMS

Escalation ID: 1368318

Fix ID: 41879, 41878

Severity: Normal

Type: Normal Fix

Build: 4306, 4211

EDIINT

InQuira ID: NFX1872

Title: EDIINT Transaction search returns no results

Description: When searching for EDIINT transactions with all contracts selected no results are returned.

However, when searching on a specific contract or contracts, results are returned.

This can be reproduced by deleting an AS2 trading partner that has EDIINT transactions, and then searching on all contracts during a time period that contains these transactions.

Error message in system log:

```
[2007-12-13 14:55:10.806] ERROR 000000000000 GLOBAL_SCOPE [EDIINTMonitor]  
com.sterlingcommerce.woodstock.profile.ProfileFinderException: Contract  
findByObjectID: No row(s) found for 22e2acf0:116d4136eb9:-7e22
```

```

at
com.sterlingcommerce.woodstock.profile.ContractProxy.findByObjectID(ContractProxy.java:642)
at
com.sterlingcommerce.woodstock.profile.ContractProxy.findByContractID(ContractProxy.java:594)
at
com.sterlingcommerce.woodstock.packager.EDIINT.EDIINTTransactionInfo.TranslateRecord(EDIINTTransactionInfo.java:403)
at
com.sterlingcommerce.woodstock.packager.EDIINT.EDIINTTransactionInfo.getByMDNROID(EDIINTTransactionInfo.java:256)
at
com.sterlingcommerce.woodstock.packager.EDIINT.EDIINTTransactionInfo.getRecordsByKeys(EDIINTTransactionInfo.java:508)
at
com.sterlingcommerce.woodstock.ui.servlet.EDIINTMonitor.doPost(EDIINTMonitor.java:207)
at javax.servlet.http.HttpServlet.service(HttpServlet.java(Compiled Code))
at javax.servlet.http.HttpServlet.service(HttpServlet.java(Compiled Code))
at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java(Compiled Code))
at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java(Compiled Code))
at org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java(Compiled Code))
at org.mortbay.http.HttpContext.handle(HttpContext.java(Compiled Code))
at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java(Compiled Code))
at org.mortbay.http.HttpContext.handle(HttpContext.java(Compiled Code))
at org.mortbay.http.HttpServer.service(HttpServer.java(Compiled Code))
at org.mortbay.http.HttpConnection.service(HttpConnection.java(Inlined Compiled Code))
at org.mortbay.http.HttpConnection.handleNext(HttpConnection.java(Compiled Code))
at org.mortbay.http.HttpConnection.handle(HttpConnection.java(Compiled Code))
at org.mortbay.http.SocketListener.handleConnection(SocketListener.java:218)
at org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:331)
at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java(Compiled Code))

```

Resolution: Gentran Integration Suite 4.1.1 - Apply build 1986 or later.

Gentran Integration Suite 4.2 – Apply build 4211 or later.

Gentran Integration Suite 4.3 – Apply build 4306 or later.

As a workaround, you can select the contracts you want to search for by hand rather than using all contracts. This will return results.

Functional Area: EDIINT

Escalation ID: 1367847

Fix ID: 41900, 41901, 41902

Severity: Normal

Type: Normal Fix

Build: 1986, 4211, 4306

Enabling Technologies

InQira ID: NFX1968

Title: Old duplicate queries present in jdbc.properties.in

Description: In recent versions of the product, queries were removed from the jdbc.properties.in file and placed into distinct files based upon the function that they were meant for. For example, jdbc_index.properties, jdbc_archive.properties, etc. This was done to make the maintenance of the files easier, and to allow more directed release of the files in the patching process.

In Gentran Integration Suite 4.2, it was noted that there were several queries that were duplicated in both locations, and these have been removed to allow the functional area file to take precedence.

Resolution: These queries have been removed from the jdbc.properties.in file as of Gentran Integration Suite 4.2 Build 4211, and all later releases of Gentran Integration Suite. There should be no functional difference in the application either before or after these queries were removed. It was done simply for ease of maintenance in future releases and builds.

Functional Area: Enabling Technologies

Escalation ID: QC

Fix ID: 40175

Severity: Normal

Type: Normal Fix

Build: 4211

Event

InQira ID: NFX1970

Title: Db Monitor e-mail message has a blank subject

Description: When the db monitor service detects a problem with the database connection, it sends an e-mail message to the Gentran Integration Suite admin with information.

This message is being sent with a blank subject.

Resolution: Gentran Integration Suite 4.2: Apply build 4211 or later.

Functional Area: Event

Escalation ID: 1368081

Fix ID: 41820

Severity: Normal

Type: Normal Fix

Build: 4211

Import/Export

InQuira ID: NFX2000

Title: When importing a trading partner with AS2 Trading partner info in profile, the SCI_ENTITIES fails

Description: When importing a trading partner with AS2 Trading partner info in profile, the SCI_ENTITIES fails.

Error Message:

Status Report for Import:

```
SCI_ENTITIES: Operation name not available FAILED  
SCI_ENTITIES SCI_ENTITIES Operation name not available FAILED
```

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Functional Area: Import/Export

Escalation ID: QC

Fix ID: 42137

Severity: Normal

Type: Normal Fix

Build: 4211

Import/Export Core

InQuira ID: NFX1918

Title: Import of business processes from one env to other is not carrying correct system default value for life span

Description: When exporting business processes from one Gentran Integration Suite instance and importing into another, business processes do not carry the correct system default for Life Span.

Resolution: Please apply Gentran Integration Suite, Release 4.1.1 Build 1986 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Functional Area: Import/Export Core

Escalation ID: 1368427

Fix ID: 42150, 42151

Severity: Normal

Type: Normal Fix

Build: 1986, 4211

InQuira ID: NFX1935

Title: Export Resources is not capturing version information leading to incorrect default version when imported in to Gentran Integration Suite.

Description: When exported resources from Deployment->Resource Manager->Export/Import Resources with all versions, it's not capturing correct version information. When this exported-xml is imported into another instance of Gentran Integration Suite, the default version is not preserved. The default version is moved back to the first version. This is not working even with tp_import/export.sh and tp-import/import.sh

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Functional Area: Import/Export Core

Escalation ID: 1368618

Fix ID: 42745

Severity: Normal

Type: Normal Fix

Build: 4211

Import/Export Standards

InQuira ID: NFX1999

Title: Import of routing rule for AS2 contract changes contract_name and OBJECT_ID

Description: Import of routing rule for AS2 contract changes contract_name and OBJECT_ID

When an AS2 contract is created it will automatically create a routing rule. The contract_name will be set if it is exported, but when it is imported and the routing rule viewed in Gentran Integration Suite, the contract_name selection became a business process selection.

Resolution:

Please apply Gentran Integration Suite, Release 4.2 Build 4211.

Functional Area: Import/Export Standards

Escalation ID: QC

Fix ID: 42136

Severity: Normal

Type: Normal Fix

Build: 4211

Index

InQira ID: NFX1895

Title: Performance issue with Index for document lifespan

Description: Performance issue with Index for document lifespan.

Resolution: Remove the calcDocumentLifespanSql rows from jdbc.properites.in as they are now stored in jdbc_index.properties.

Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4306 or later.

Functional Area: Index

Escalation ID: 1368394

Fix ID: 42113, 42117

Severity: Normal

Type: Normal Fix

Build: 4306, 4211

Mailbox Screen

InQira ID: NFX1926

Title: ConsecFailedAttempts does not work for MBI

Description

1. ConsecFailedAttempts does not work for MBI. The user account can not be locked as expected even though the login failed over the number of times defined. 2. For Example, if ConsecFailedAttempts parameter is set to 2 : --> User account doesn't get locked for the mailbox screen after setting the parameter - ConsecFailedAttempts in ui.properties file. However the account do get locked in the ws screen. -->When tried to log in to the mailbox screen using an already locked account (account whose 2 attempts are completed in the ws screen), we get the 404 error which we believe this is a bug

Resolution

Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later

Functional Area: Mailbox Screen

Escalation ID: 1368755

Fix ID: 42916

Severity: Normal

Type: Normal Fix

Build: 4211

Mailboxing

InQuira ID: NFX1934

Title: Unable to find dbpool name, no reference to connection Error whenever a mailbox is created or updated

Description: Gentran Integration Suite 4209 with Oracle10.2 throws the following error in System.log whenever a mailbox is created or updated

Gentran Integration Suite 4206 with Oracle9.2 does not have this problem.

[System.log]:

```
[2008-03-17 10:53:31.206] ERROR 000310100318
UTIL.FRAME_JDBC.ERR_JDBCService_freeConection JDBCService.freeConection(Connection):
Unable to find dbpool name, no reference to connection {0.EN}
java.lang.Exception: Stack Dump
  at com.sterlingcommerce.woodstock.util.FlatUtil.stackTrace(FlatUtil.java:928)
  at com.sterlingcommerce.woodstock.util.FlatUtil.stackTrace(FlatUtil.java:916)
  at
com.sterlingcommerce.woodstock.util.frame.jdbc.JDBCService.freeConnection(JDBCService.java:202)
  at com.sterlingcommerce.woodstock.security.User.freeConnection(User.java:2487)
  at
com.sterlingcommerce.woodstock.security.User.loadDirectUserNamesForPermission(User.java:1736)
  at
com.sterlingcommerce.woodstock.mailbox.ui.MailboxUtil.addDirectUsersToMailbox(MailboxUtil.java:450)
  at
com.sterlingcommerce.woodstock.mailbox.ui.MailboxUtil.createMailbox(MailboxUtil.java:139)
  at com.sterlingcommerce.woodstock.ui.MBConfigEditor.save(MBConfigEditor.java:430)
  at com.sterlingcommerce.woodstock.ui.servlet.SaveMBConfig.run(SaveMBConfig.java:63)
```

Resolution: Apply Gentran Integration Suite Release 4.2 Build 4211 or later.

Functional Area: Mailboxing

Escalation ID: 1368721

Fix ID: 42931

Severity: Normal

Type: Normal Fix

Build: 4211

InQuira ID: NFX1977

Title: CORRELATION_SET and DOCUMENT table entries are not purged for mailbox documents that were renamed using FTP RENAME

Description: CORRELATION_SET and DOCUMENT table entries are not purged for mailbox documents that were renamed using FTP RENAME

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Functional Area: Mailboxing

Escalation ID: 1368350

Fix ID: 42662

Severity: Normal

Type: Normal Fix

Build: 4211

Map Editor

InQuira ID: NFX1809

Title: Stored Procedures in Oracle SQL Maps causes translation error Code 711: Command Execution Error.

Description: The stored procedures executes successfully outside of Gentran Integration Suite.

Clicking the 'Test SQL' button in the map executes the stored procedure successfully.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Functional Area: Map Editor

Escalation ID: 1368426

Fix ID: 42884

Severity: Normal

Type: Normal Fix

Build: 4211

InQuira ID: NFX1890

Title: Map editor should not be able to compile or save system variable (current date/time) rules on a non-date type field.

Description: It is possible to use the map editor to compile a map with an invalid constant entry in "Use System Variable".

When compiling that map, the compiler throws the error message 'the qualifier field specified in a system variable standard rule is invalid' if the system variable is blank (InQuira ID: NFX1532).

When editing the element properties, the map editor will not allow the system variable field blank to be left blank – a window with the warning message "You must select a variable from the list" is thrown (InQuira ID: NFX1532).

However, in that circumstance it is possible to select System Variable standard rule on a String type field which should not be permitted according to the documentation.

Documentation: The System Variable standard rule enables you to set a variable that maps the current date and time to the selected field. The selected map component must have a data type of Date/Time.

Resolution: The map editor was changed to make sure that System Variable rules do not exist on non-date type fields for all map syntaxes.

Also for any existing maps, the map editor will now check on execution of the map to make sure this condition does not exist and will display the appropriate error messages where necessary.

1. Please download and install the latest patch for the appropriate version:

Gentran Integration Suite 4.1.1 – 1986 (or later)

Gentran Integration Suite 4.2 – 4211 (or later)

Gentran Integration Suite 4.3 – 4306 (or later)

2. Uninstall the old version of the mapper.

3. From **Deployment > Maps**, download and install the latest version of the Map Editor.

4. Open, edit and recompile the map.

Functional Area: Map Editor

Escalation ID: 1367559

Fix ID: 41052, 41050, 41051

Severity: Normal

Type: Normal Fix

Build: 4306, 1986, 4211

InQuira ID: NFX2060

Title: When processing SWIFT data false K98 Errors are Reported

Resolution: This issue has been corrected in the following release:

Gentran Integration Suite, Release 4.1.1 Build 4211 and higher.

After the patch has been applied, please download and re-install Map Editor.

Functional Area: Map Editor

Escalation ID: QC

Fix ID: 43908

Severity: Normal

Type: Normal Fix

Build: 4211

Performance

InQira ID: NFX1957

Title: Performance Statistics report does not work for Gentran Integration Suite 4.2 on the iSeries

Description: The Performance Statistics report can be enabled on Gentran Integration Suite 4.2 running on the iSeries, but when the user attempts to create a new report, they will receive the message “Error creating new performance statistics report”

Resolution: For Gentran Integration Suite 4.2, apply Build 4211 or later to resolve the issue

Functional Area: Performance

Escalation ID: 1368039

Fix ID: 42718

Severity: Normal

Type: Normal Fix

Build: 4211

Purge

InQira ID: NFX1958

Title: BPLinkagePurge service runs for hours but will eventually complete successfully

Description: For Gentran Integration Suite installed with MySQL, the BPLinkagePurge service will run for hours or days, but will eventually complete successfully. When looking at the status report for the service, it appears that it is not doing as large an amount of work as would justify it running so long.

Resolution: For Gentran Integration Suite 4.2, apply Build 4211 or later to resolve the issue

Functional Area: Purge

Escalation ID: 1368736

Fix ID: 42877

Severity: Normal

Type: Normal Fix

Build: 4211

Reporting – Core

InQira ID: NFX1966

Title: Running a report fails on a cluster system with an error referring to REAL_START_TIME

Description: When attempting to run a report on Gentran Integration Suite 4.2 installed in a cluster, the report may fail to execute, and an error in the logs will be observed referring to a field named REAL_START_TIME. This may only occur after applying Build 4206 or later.

Resolution: To resolve the issue, apply Build 4211 or later for Gentran Integration Suite 4.2

Functional Area: Reporting – Core

Escalation ID: 1368483

Fix ID: 42054

Severity: Normal

Type: Normal Fix

Build: 4211

RosettaNet

InQuira ID: NFX1996

Title: Can the same RosettaNet partner in Gentran Integration Suite be initiator and responder?

Description: If A's duns is 123456789, B's duns is 987654321. Can A serve in both the seller and buyer role for B? Initially, two contracts are created: one for Initiator and another for Responder. If A is only Buyer or Seller in regard to B, then it works correctly.

Two more contracts are created so that A serves in both Buyer and Seller roles to B. When A serves in both Buyer and Seller roles to B, RNIF message build in business process "RNIF_ACTION" fails with error "Contract lookup failed".

Error Message:

```
[<timestamp>] DEBUG [RNIFMessageBuilder]    Calling buildMessage .....
[<timestamp>] DEBUG RNIF20MessageBuilder.buildMessage(): Starting...
[<timestamp>] DEBUG RNIF20MessageBuilder:  Getting addresses from delivery headers
.....
[<timestamp>] DEBUG RNIFMIMEMessageProcessor: Parsing DeliveryHeader=
[<timestamp>] DEBUG Receiver ID(555123456 found, saving
[<timestamp>] DEBUG Sender ID(123456789 found, saving
[<timestamp>] DEBUG RNIF20MessageBuilder:  Calling
ContractFinder.lookupPartnerAndIdentity2.....
[<timestamp>] DEBUG Looking up contract for Identity 123456789 and partner 555123456
[<timestamp>] DEBUG Performing contract lookup
[<timestamp>] DEBUG Looking up contract for IdentityIdentifier 123456789
PartnerIdentifier 555123456
[<timestamp>] WARN First attempt at RosettaNet contract lookup failed
[<timestamp>] ERROR Contract lookup failed
[<timestamp>] ERROR RNIF20MessageBuilder.buildMessage(): Caught exception: Unable to
load profile information
[<timestamp>] ERROR [RNIFMessageBuilder] Caught
com.sterlingcommerce.woodstock.workflow.WorkFlowException Unable to load profile
information
```

Resolution:

Apply Gentran Integration Suite Release 4.2, Build 4211 or later.

Functional Area: RosettaNet

Escalation ID: 1368806

Fix ID: 43324

Severity: Normal

Type: Normal Fix

Build: 4211

SWIFT Validation Rules

InQira ID: NFX1965

Title: When processing SWIFT data, false E37 Errors are Reported

Resolution: Rule237_1 was designed to use ORs instead of ANDs.

This issue has been corrected in Gentran Integration Suite, Release 4.2 Build 4211 and higher.

After the patch has been applied, please download and re-install Map Editor.

Functional Area: SWIFT Validation Rules

Escalation ID: QC

Fix ID: 39961

Severity: Normal

Type: Normal Fix

Build: 4211

SWIFTNet Server Adapter

InQira ID: NFX1960

Title: Parser Errors on processing Inbound SWIFTNET Interact Store and Forward message

Description: Errors on processing Inbound SWIFTNET Interact SnF. The SWIFTNet Server Adapter throws a parse error "Error parsing server request" on the inbound server request if the request is not indented.

The problem exists because the server request that comes into Gentran Integration Suite is not indented when sent by SWIFT, i.e. there is no carriage return before the start of <AppHdr> tag. This is due to a change in the SWIFT Interact version

Resolution: SWIFTNet Server Adapter will indent the message before parsing to resolve this problem.

Please install Gentran Integration Suite 4.2 patch build 4211 (or later)

Functional Area: SWIFTNet Server Adapter

Escalation ID: 1368125

Fix ID: 41678

Severity: Normal

Type: Normal

Build: 4211

Trading Partner Profiles

InQira ID: NFX1959

Title: Unable to view, search or modify a Code List from the Gentran Integration Suite user interface

Description: The user is unable to search, view or modify Code Lists in Gentran Integration Suite when it is installed against SQL Server 2005

An error similar to the below may be noticed in the ui.log file:

```
[2008-03-03 15:52:53.62] ERROR 000000000000 GLOBAL_SCOPE [CodeListsBean] search  
com.sterlingcommerce.woodstock.profile.ProfileFinderException: listAllByKey  
Exception occurred:  
SQLState: S0001
```

Message: The query uses non-ANSI outer join operators (“*=” or “=*”). To run this query without modification, please set the compatibility level for current database to 80 or lower, using stored procedure sp_dbcmptlevel. It is strongly recommended to rewrite the query using ANSI outer join operators (LEFT OUTER JOIN, RIGHT OUTER JOIN). In the future versions of SQL Server, non-ANSI join operators will not be supported even in backward-compatibility modes.

Vendor: 4147

Resolution: Apply Build 4211 or later for Gentran Integration Suite 4.2 to resolve the issue

A possible workaround for this issue is also available in Article InQira ID: NFX1685

Functional Area: Trading Partner Profiles

Escalation ID: 1368491

Fix ID: 42325

Severity: Normal

Type: Normal Fix

Build: 4211

Translator

InQira ID: NFX1679

Title: Extended rules to add weeks to a date produces incorrect output when 52 weeks is specified

Description: Extended rules to add weeks to a date produces incorrect output when 52 weeks is specified. The command generates the incorrect output only if the input date is at the very end or very beginning of a year, such as 12/30/2007 or 01/02/2008.

If the command is changed to use the <<years operator, the output is correct. Below is an example of the command generating the incorrect output when the input date is at the very end or very beginning of a year:

```
DateVariable = DateVariable <<weeks(52);
```

Resolution: Please apply Gentran Integration Suite, Release 4.1.1 Build 1986 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4306 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

After applying this patch, reinstall the Map Editor.

Functional Area: Translator

Escalation ID: 1367956

Fix ID: 42670, 42727, 42669

Severity: Normal

Type: Normal Fix

Build: 4306, 1986, 4211

InQuira ID: NFX1871

Title: When “20” appears at the beginning of a packed decimal field, it is treated as a space.

Description: Data of “HDR102665555 202665555 302665555” converted to EBCDIC then back to ASCII treats the 20 at the beginning of the 202665555 as a space and does not translate the data. If the first four number of this were switched 262065555, then the data will translate correctly.

No rules exist that convert the packed decimal to a string.

Resolution: Please apply Gentran Integration Suite, Release 4.0.3 Patch 33 or later.

Please apply Gentran Integration Suite, Release 4.1.1 Build 1986 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4306 or later.

Functional Area: Translator

Escalation ID: 1368098

Fix ID: 41731, 41734, 41733, 41732

Severity: Normal

Type: Normal Fix

Build: 4306, 33, 1986, 4211

InQira ID: NFX1879

Title: When a code list is not present for a select standard rule in a doc extract map, the translation time increases

Description: When a code list is not present for a select standard rule in a doc extract map, the translation time jumps from ~1 min to ~1 hour 15 mins.

Resolution: Please apply Gentran Integration Suite, Release 4.3 build 4306, Gentran Integration Suite, Release 4.2 build 4211 or later.

After applying this patch, reinstall the Map Editor.

Functional Area: Translator

Escalation ID: 1367658

Fix ID: 41838 41837

Severity: Normal

Type: Normal Fix

Build: 4306, 4211

InQira ID: NFX1894

Title: Receiving an error “java.io.IOException: The character ‘ ’ is an invalid XML character” during translation

Description: Envelope or Deenvelope services

Translation service

Using the assign to write the status report for translation to ProcessData in the service input message:
`<assign to=’.’ from=’Status_Rpt(’Status_Report’)’></assign>`

The data contains null characters

The data contains a null character which is not a valid XML character. Even if the null character is allowed in the map per the syntax token or by using Free Format, if the field that contains the null character errors for any reason and this data is written to the status report, this causes “java.io.IOException: The character ‘ ’ is an invalid XML character” error. And when the status report is written to ProcessData, it tries to write the null character in the status report to ProcessData and cause ProcessData to fail to be written (it is empty).

ProcessData is just an empty node:

```
<?xml version="1.0" encoding="UTF-8"?>
```

```
<ProcessData/>
```

Translation-Error-Some-Docs: When the X12 Envelope Service fails with a document that contains nulls it does not produce a primary document of the good data. It calls the child business process from the envelope but there is no primary document to pass to it.

wf.log and system.log error:

```
[2008-02-07 14:54:35.64] ERROR Exception in WFCUtil.toXMLString
java.io.IOException: The character ' ' is an invalid XML character
at org.apache.xml.serialize.BaseMarkupSerializer.fatalError(Unknown Source)
```

```

at org.apache.xml.serialize.BaseMarkupSerializer.surrogates(Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.printCDATAText(Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.characters(Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.serializeNode(Unknown Source)
at org.apache.xml.serialize.XMLSerializer.serializeElement(Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.serializeNode(Unknown Source)
at org.apache.xml.serialize.XMLSerializer.serializeElement(Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.serializeNode(Unknown Source)
at org.apache.xml.serialize.BaseMarkupSerializer.serialize(Unknown Source)
at com.sterlingcommerce.woodstock.workflow.WFCUtil.toXMLString(WFCUtil.java:281)
at com.sterlingcommerce.woodstock.workflow.WFCUtil.toXMLString(WFCUtil.java:260)
at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.persist(WorkFlowContext.java
:3813)
at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.persist(WorkFlowContext.java
:3240)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.persist
OnServiceError(ActivityEngineHelper.java:3207)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:660)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQuee
eListener.java:495)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:462)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:432)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:3
16)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor
.java:493)
at java.lang.Thread.run(Thread.java:479)

```

Resolution: There is now a check for a null character in the status report functionality that will check for null characters. If a null character is found in the status report, it will be replaced with the wording “[NULL]” in the status report. This will allow the status report to be written to ProcessData and also alert the user of the null characters in the data in case this is the cause of the error.

Please apply Gentran Integration Suite, Release 4.1.1 Build 1986 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4306 or later.

Functional Area: Translator

Escalation ID: 1368234

Fix ID: 42290, 42288, 42289

Severity: Normal

Type: Normal Fix

Build: 4306, 1986, 4211

InQuira ID: NFX1969

Title: The XSD date format is not outputting correctly

Description: The XSD date format is not outputting correctly.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

After applying this patch, reinstall the Map Editor.

Functional Area: Translator

Escalation ID: 1368336

Fix ID: 43081

Severity: Normal

Type: Normal Fix

Build: 4211

User Interface

InQuira ID: NFX1678

Title: Checking “Remember search by values” on My Account is not retaining few of the Advanced Search’s search criteria fields

Description: When “Remember search by values” is checked, the Time filed was not remembered, so when the page was revisited it would show the current time.

Resolution: Apply Gentran Integration Suite Build 4303 to fix this issue.

An initial fix was available in 4.2 Build 4210. Additional changes were made to 4211.

Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later to fix this issue.

Functional Area: User Interface

Escalation ID: 1367830

Fix ID: 41364, 41351, 41783

Severity: Normal

Type: Normal Fix

Build: 4303, 4210, 4211

InQuira ID: NFX1688

Title: check in XSLT using ISO-8859-1 Encoding Type. Error received: “Style Sheet File not found. Please try again.”

Description: Check in XSLT using ISO-8859-1 Encoding Type. Error received: “Style Sheet File not found. Please try again.”

The user interface drop-down list has an error.

```
encoding2 = ISO-8859-1,ISO8859_1 is IS(zero), not IS(OH)
```

Checking in stylesheet fails because the encoding does not exist.

Resolution: 1) Apply patch 4303,

2) Apply patch 4211, or

3) Correct with the property change in encodings.properties

If the encoding chosen matches the stylesheet, it will be checked in (this case ISO-8859-1).

These encodings are in `install/properties/encodings.properties` `encoding#2` and `encoding#5`.

These are editable.

Functional Area: User Interface

Escalation ID: 4809838

Fix ID: 41354, 41355, 41777

Severity: Normal

Type: Normal Fix

Build: 4303, 4211

InQuira ID: NFX1827

Title: LockManager/user interface evaluates incorrect lock key in Source Manager

Description: Lockmanager incorrectly evaluates the locks contained in the Lock Table when editing Gentrans Integration Suite objects in source manager. This problem occurs when multiple objects are named with an initial prefix which is the same.

“cust is currently locked for edit by another user. Please try again later.”

To reproduce:

Create a codelist called cust (it does not matter what it contains).

Create codelist called cust123 (it does not matter what it contains) (Note: this will happen on Business Processes/Users, any Gentrans Integration Suite resources when edited in Source Manager)

Open two browser sessions and login to Gentrans Integration Suite using two separate ID's. Now go to Accounts/Code Lists on both sessions and type in pattern cust into the search for code lists.

First source manager/edit code list cust - Leave open in this browser session. In the second browser window, open cust123

Cancel out of the above two edit sessions back to the search results for code list “cust”

Reverse this process, this time selecting first cust123, then secondly cust. In the window in which you tried to edit codelist cust, you will receive the warning that:“cust is currently locked for edit by another user. Please try again later.”

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4306 or later.

Functional Area: User Interface

Escalation ID: 1368459

Fix ID: 42234, 42232

Severity: Normal

Type: Normal Fix

Build: 4306, 4211

InQira ID: NFX1849

Title: Certificate Wizard still requires Java JRE 1.3 in Gentran Integration Suite 4.2 and 4.3

Description: Certificate Wizard in Gentran Integration Suite requires Java 1.3 which is no longer supported by Sun and doesn't meet minimum Java requirements for Gentran Integration Suite 4.2 or Gentran Integration Suite 4.3. When trying to run the certificate wizard in Gentran Integration Suite 4.2 or 4.3, it will not run unless Java 1.3.1_18 and Java Web Start 1.0.1 is installed on the system attempting to run the certificate wizard.

Resolution: Gentran Integration Suite 4.2 - Modified the CertWizard.jnlp.in to use JRE 1.4.2+ to match the system requirements. When attempting load cert wizard in the absence of JRE 1.4.2+an alert msg is shown asking the user to download JRE 1.4.2+from Sun's web site.

Gentran Integration Suite 4.3–Modified the CertWizard.jnlp.in to use JRE 1.5+ to match the system requirements. When attempting load cert wizard in the absence of JRE 1.5+ an alert msg is shown asking the user to download JRE 1.5+ from Sun's web site.

Please apply build 4211 for Gentran Integration Suite, Release 4.2

Please apply build 4306 for Gentran Integration Suite, Release 4.3

Functional Area: User Interface

Escalation ID: 1367816, 1368124

Fix ID: 42036, 42057

Severity: Normal

Type: Normal Fix

Build: 4306, 4211

InQira ID: NFX1886

Title: Large status reports can cause OOM in user interface without a user clicking on the status report link.

Description: The user interface may reflect OutOfMemory exception or never return results after clicking on a Business Process ID.

Resolution: Please apply patch 4306 or, for Gentran Integration Suite 4.2, 4211

Functional Area: User Interface

Escalation ID: 1367383

Fix ID: 42156, 42317

Severity: Normal

Type: Normal Fix

Build: 4306, 4211

InQuira ID: NFX1911

Title: Blank Status report page when attempting to Terminate processes from the Advanced Search > Business Process Operations

Description: When attempting to use the 'Enable Business Process Operations' from the **Business Process > Monitor > Advanced Search > Business Processes** to Terminate business processes that were in Halted status, the business processes appeared to be terminated correctly, but when the Status Report came up, it was blank, i.e. the list of processes affected did not show up on the screen.

When Terminating the processes from the actual Business Process Usage screen from the Troubleshooter, the list is populated correctly.

Resolution: To resolve this issue for Gentran Integration Suite 4.1.1, apply Build 1986 or later

To resolve this issue for Gentran Integration Suite 4.2, apply Build 4211 or later

Functional Area: User Interface

Escalation ID: 1368469

Fix ID: 42240, 42246

Severity: Normal

Type: Normal Fix

Build: 1986, 4211

InQuira ID: NFX1981

Title: User can still login after his account has been locked because of reaching ConsecFailedAttempts

Description: When login account is locked due to Consecutive Failed login attempts via dashboard the account is not totally locked. The account is still open for /ws (workspace) login and FTP.

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Functional Area: User Interface

Escalation ID: 1368501

Fix ID: 42277

Severity: Normal

Type: Normal Fix

Build: 4211

User Interface – Standards

InQira ID: NFX1874

Title: Transaction Register search does not work correctly when multiple pages are returned

Description: The Transaction Register search doesn't work correctly if more than one screen of data is returned.

Go to **Trading Partner > Document Envelopes > Transaction Register** and run a search with one or more restrictions, and that search returns more than one page of results. If you move to the page 2 or greater, the page you go to loses the restrictions and you see the results of searching all Transactions without restriction.

Resolution: Gentran Integration Suite 4.2 - Apply build 4211 or later

Gentran Integration Suite 4.3 - Apply build 4306 or later

Functional Area: User Interface – Standards

Escalation ID: 1368439

Fix ID: 42201, 42202

Severity: Normal

Type: Normal Fix

Build: 4211, 4306

Workflow Engine

InQira ID: NFX1961

Title: Parent business process switches queue based on child business process in sync mode

Description: In sync mode, after Child process successfully runs on its configured queue and control of the process is returned to the Parent, the business process continues to run on the queue designated to the Child process instead of returning to the queue used by the Parent.

Resolution: Apply Gentran Integration Suite, Release 4.2 Build 4211 or later.

Apply Gentran Integration Suite, Release 4.0.3 Patch 30 or later.

Functional Area: Workflow Engine

Escalation ID: 1368322 (4211), 1364322 (30)

Fix ID: 42072

Severity: Normal

Type: Normal Fix

Build: 4211, 30

InQuira ID: NFX1998

Title: HTTP or SOAP client adapters error if persistence for the business process is set to lower levels

Description: HTTP or SOAP Client Adapters error may appear if persistence for the business process is set to lower levels. When running at full persistence under system load, there are not errors if processing many instances concurrently. If persistence is lowered to Business Process Start Stop Only or even Business Process Start Stop Engine May Override, most instances will complete successfully, but some instances get stuck in an active state with an error.

ActivityEngine - persistWFCErrInfo Exception caught
 java.sql.SQLException: ORA-00001: unique constraint (GIS43.SCI_PK_25) violated

There could also be an occurrence of a null pointer exception.

Error Message

httpclient.log:

```
[2008-01-28 10:59:08.337] ERROR 000000000000 GLOBAL_SCOPE
CustomConnectAgent.documentSent() - Error trying to persist document after adding
correlation details
SQL Error Code: 1
SQL State: 23000
java.sql.SQLException: ORA-00001: unique constraint (GIS_USER.SCI_PK_25) violated

    at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java:112)
    at oracle.jdbc.driver.T4CTTioer.processError(T4CTTioer.java:331)
    at oracle.jdbc.driver.T4CTTioer.processError(T4CTTioer.java:288)
    at oracle.jdbc.driver.T4C8Oall.receive(T4C8Oall.java:743)
    at oracle.jdbc.driver.T4CPreparedStatement.doOall8(T4CPreparedStatement.java:216)
    at
oracle.jdbc.driver.T4CPreparedStatement.executeForRows(T4CPreparedStatement.java:955
)
    at
oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(OracleStatement.java:1168)
    at
oracle.jdbc.driver.OraclePreparedStatement.executeInternal(OraclePreparedStatement.j
ava:3316)
    at
oracle.jdbc.driver.OraclePreparedStatement.executeUpdate(OraclePreparedStatement.jav
a:3400)
    at
com.sterlingcommerce.woodstock.util.frame.jdbc.JDBCService.executeUpdate(JDBCService
.java:3469)
    at
com.sterlingcommerce.woodstock.workflow.Document.insertToTable(Document.java:2677)
    at com.sterlingcommerce.woodstock.workflow.Document.persist(Document.java:2837)
    at com.sterlingcommerce.woodstock.workflow.Document.persist(Document.java:2747)
    at
com.sterlingcommerce.woodstock.services.httpclient.session.CustomConnectAgent.docume
ntSent(CustomConnectAgent.java:451)
```



```

at
com.sterlingcommerce.woodstock.services.httpclient.session.CustomConnectAgent.canSend(CustomConnectAgent.java:510)
at
com.sterlingcommerce.perimeter.api.conduit.DataConduitApiImpl$2.run(DataConduitApiImpl.java:180)
at
com.sterlingcommerce.perimeter.api.scheduler.PooledScheduler$GatingScheduler$1.run(PooledScheduler.java:229)
  at com.sterlingcommerce.perimeter.api.scheduler.TaskNode.run(TaskNode.java:70)
  at
com.sterlingcommerce.perimeter.api.scheduler.DebugPooledExecutor$Worker.run(DebugPooledExecutor.java:795)
  at java.lang.Thread.run(Thread.java:595)

```

Resolution: Please apply Gentrans Integration Suite, Release 4.2 Build 4211 or later.

Functional Area: Workflow Engine

Escalation ID: 1368659

Fix ID: 43014, 43015

Severity: Normal

Type: Core Change

Build: 4211

InQuira ID: NFX2012

Title: Business process using the HTTP Client adapter set to Persistence “Error Only” is failing, but not reporting any errors

Description: Business process using the HTTP Client adapter set to Persistence “Error Only” is failing, but not reporting any errors. This persistence issue occurs on the Waiting_on_IO step.

Business processes do not execute as expected when persistence level is set to ‘Error Only’ when the business process is using the HTTP Client adapter. The BP does not complete successfully and it does not report error (as it should in this persistence level). Once the BP is checked into GIS with a higher persistence (such as Start/Stop Engine May Override) the BP processes successfully.

Resolution: Parameters were added to the workflow.properties file to control the retry logic:

```

#retry count for reading wfc
#retryInterval wait time for each retry
retryCount=100
retryInterval=100

```

Please apply Gentrans Integration Suite, Release 4.2 Build 4211 or later.

Functional Area: Workflow Engine

Escalation ID: 1368359

Fix ID: 43016

Severity: Normal

Type: Core Change

Build: 4211

Yantra Integration

InQira ID: NFX1867

Title: YANTRA password is not encrypted in the sandbox.cfg file

Description: When running the 'enccfgs.sh' script to encrypt the database passwords in the 'sandbox.cfg' file, it would not encrypt the entry for the YANTRA_DB_PASS

Resolution: For Gentran Integration Suite 4.2, apply 4211 or later before executing 'enccfgs.sh'

For Gentran Integration Suite 4.3, apply 4306 or later before executing 'enccfgs.sh'

WARNING: If the 'enccfgs.sh' has already been run against the system, then it should NOT be executed again. This will encrypt the encrypted passwords again, and will render the system unable to start!

If the 'enccfgs.sh' has already been executed before the above builds are applied, then the line for the YANTRA_DB_PASS can be safely deleted from the 'sandbox.cfg' file instead

Functional Area: Yantra Integration

Escalation ID: 1367388

Fix ID: 41611,42276

Severity: Normal

Type: Normal Fix

Build: 4211, 4306

Build 4210 Product Enhancements and Fixes

Build 4210 Product Enhancements

Gentran Integration Suite 4.2, Build 4210 contains no additional product enhancements.

Build 4210 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4210 in the following areas:

- ◆ Adapter
- ◆ Adapters – Command Line
- ◆ Backup
- ◆ Certificates
- ◆ Dashboard
- ◆ DataStore
- ◆ EDI
- ◆ EDI Deenvelope Service
- ◆ Enabling Technologies
- ◆ Executable
- ◆ FTP Adapter
- ◆ FTP Server Adapter
- ◆ Index Escalation
- ◆ Mailboxing
- ◆ Map Editor
- ◆ Mapping
- ◆ Reporting – Core
- ◆ Reveal Primary Document
- ◆ RosettaNet

- ◆ SAP Suite Adapter
- ◆ Screen “MyAccount” Settings
- ◆ Security/Properties
- ◆ SNMP
- ◆ Translator
- ◆ User Interface
- ◆ Workflow Engine

Adapter

InQuira ID: NFX1646

Note: This fix, which was originally included in Gentran Integration Suite Release 4.3, Build 4210, is being replaced in Gentran Integration Suite Release 4.3, Build 4210.

Title: Can't open data connection after FTP put once failed

Description:

1. Customer found the problems during testing SI FTP server adapter.
2. Active Data Port Range on the FTP Server Adapter is set to only one specific port.
3. After a network trouble when trying to FTP PUT a file to SI mailbox.
4. After relogin to FTP, errors keep occurring when executing dir, ls, get or put command.
5. The problem can only be solved after the FTP server adapter has been re-enabled.

Functional Area: Adapter

Escalation ID: 1366323

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4210 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4303 or later.

Fix ID: 41271 (4303; removed in 4306; rescheduled for 4307), 41256 (4210; replaced by TD43011 in 4211), 43011 (4211)

Severity: Normal

Type: Normal Fix

Builds: 4211, 4303

Adapters – Command Line

NFX1778

Title: CLA2 adapter fails to delete output file if output file is 0 bytes

Description: Even though outputDelete (default value is yes) is set to 'YES', CLA2 adapter fails to delete output file if output file is 0 bytes.

Functional Area: Adapters – Command Line

Escalation ID: 1367901

Resolution: Apply Gentran Integration Suite Release 4.2, Build 4210 or later.

Fix ID: 41547

Severity: Normal

Type: Normal Fix

Build: 4210

Backup

InQuira ID: NFX1782

Title: LA Informix 4.2 backup fails with Null SQL statement

Description: When backup runs, it fails.

The stack trace in archive.log shows:

```
[2008-01-10 15:58:52.268] ERROR [2008-01-10 15:58:52.268] ERROR SQL Error Code:
-79726 [2008-01-10 15:58:52.268] ERROR SQL State: IX000 java.sql.SQLException: Null
SQL statement at com.informix.util.IfxErrMsg.getSQLException(IfxErrMsg.java:373) at
com.informix.jdbc.IfXPreparedStatement.a(IfXPreparedStatement.java:286) at
com.informix.jdbc.IfXPreparedStatement.<init>(IfXPreparedStatement.java: 168) at
com.informix.jdbc.IfXSqliConnect.h(IfXSqliConnect.java:5918) at
com.informix.jdbc.IfXSqliConnect.prepareStatement(IfXSqliConnect.java:19 99) at
com.sterlingcommerce.woodstock.services.backup.BackupUtility.buildWorkTa
ble(BackupUtility.java:310) at
com.sterlingcommerce.woodstock.services.backup.BackupUtility.runBackup(B
ackupUtility.java:186) at
com.sterlingcommerce.woodstock.services.backup.BackupAdapterImpl.runBack
up(BackupAdapterImpl.java:88) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native
Method) at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.jav
a:39) at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessor
Impl.java:25) at java.lang.reflect.Method.invoke(Method.java:324) at
sun.rmi.server.UnicastServerRef.dispatch(UnicastServerRef.java:261) at
sun.rmi.transport.Transport$1.run(Transport.java:148) at
java.security.AccessController.doPrivileged(Native Method) at
sun.rmi.transport.Transport.serviceCall(Transport.java:144) at
sun.rmi.transport.tcp.TCPTransport.handleMessages(TCPTransport.java:460) at
sun.rmi.transport.tcp.TCPTransport$ConnectionHandler.run(TCPTransport.ja va:701) at
java.lang.Thread.run(Thread.java:534)
```

Functional Area: Backup

Escalation ID: 1368202

Resolution: Query was not populated correctly.

For Gentran Integration Suite 4.2, apply Build 4210 or later.

Fix ID: 41816

Severity: Critical

Type: Normal Fix

Certificates

InQira ID: NFX1724

Title: Gentran Integration Suite errors out when trying to check in key cert

Description: Passphrase greater than 150 characters gives this error:

The file you specified does not have a valid certificate input format and cannot be read. Please try again.

User interface log:

```
ERROR 000000000000 GLOBAL_SCOPE [UpdateDigiCert].readDER()  
javax.crypto.BadPaddingException: Invalid padding size encountered: (padSize) 20 >  
(blockSize) 8 at com.trustpoint.security.provider.PKCS5Padding.unpad(Unknown Source)
```

Functional Area: Certificates

Escalation ID: 1367981

Resolution:

Please update to Gentran Integration Suite Release 4.1.1, Patch 1985 or later.

Please update to Gentran Integration Suite Release 4.2, Patch 4210 or later.

Fix ID: 41531, 41711

Severity: Normal

Type: Normal Fix

Build 1985, 4210

Dashboard

NFX1822

Note: This fix is not included in Gentran Integration Suite 4.2, build 4210. It will be available in Gentran Integration Suite 4.2, build 4211.

Title: Unable to login to the dashboard as an imported user

Description: After importing users from another system, the user can no longer log into the dashboard. User can log into /ws

```
jetspeedservices.log [ConduitStreamListener2-1] ERROR DatabasePsmManagerService -  
GISDatabasePsmManagerService: Missing PSML profile for user null. Using the  
default...  
torque.log [ConduitStreamListener2-2] DEBUG BasePeer - SELECT AUTHO.USER_ID,  
AUTHO.PASSWORD, AUTHO.STATUS, AUTHO.LANG, AUTHO.EMAIL, AUTHO.FNAME, AUTHO.LNAME,
```

```
AUTHO.PAGER, AUTHO.VERSION, AUTHO.DOWNLOAD_TIME, AUTHO.SUPER, AUTHO.PARENT_ID,
AUTHO.ENTITY_ID, AUTHO.TIMEOUT, AUTHO.POLICY_ID, AUTHO.PWD_MOD_DATE,
AUTHO.DASH_USER_ID, AUTHO.CONFIRM_VALUE, AUTHO.MODIFIED, AUTHO.CREATED,
AUTHO.LAST_LOGIN, AUTHO.DISABLED, AUTHO.OBJECTDATA, AUTHO.SECURITY_CODE,
AUTHO.CHANGE_PASS_NEXT FROM AUTHO WHERE AUTHO.USER_ID='guest' 2008-01-11 13:42:52,689
[ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms 2008-01-11 13:42:52,692
[ConduitStreamListener2-2] DEBUG BasePeer - SELECT AUTHO.USER_ID, AUTHO.PASSWORD,
AUTHO.STATUS, AUTHO.LANG, AUTHO.EMAIL, AUTHO.FNAME, AUTHO.LNAME, AUTHO.PAGER,
AUTHO.VERSION, AUTHO.DOWNLOAD_TIME, AUTHO.SUPER, AUTHO.PARENT_ID, AUTHO.ENTITY_ID,
AUTHO.TIMEOUT, AUTHO.POLICY_ID, AUTHO.PWD_MOD_DATE, AUTHO.DASH_USER_ID,
AUTHO.CONFIRM_VALUE, AUTHO.MODIFIED, AUTHO.CREATED, AUTHO.LAST_LOGIN,
AUTHO.DISABLED, AUTHO.OBJECTDATA, AUTHO.SECURITY_CODE, AUTHO.CHANGE_PASS_NEXT FROM
AUTHO WHERE AUTHO.USER_ID='guest' 2008-01-11 13:42:52,693 [ConduitStreamListener2-2]
DEBUG BasePeer - Elapsed time=1 ms 2008-01-11 13:42:52,695 [ConduitStreamListener2-2]
DEBUG BasePeer - BasePeer.doUpdate: whereClause=USER_ID='guest' 2008-01-11
13:42:52,704 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
JETSPEED_USER_PF.PSML_ID, JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE,
JETSPEED_USER_PF.LANGUAGE, JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE,
JETSPEED_USER_PF.PROFILE FROM JETSPEED_USER_PF WHERE JETSPEED_USER_PF.LANGUAGE='en'
AND JETSPEED_USER_PF.MEDIA_TYPE='html' AND JETSPEED_USER_PF.COUNTRY='US' AND
JETSPEED_USER_PF.PAGE='default.psml' AND JETSPEED_USER_PF.USER_NAME='guest'
2008-01-11 13:42:52,705 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms
2008-01-11 13:42:52,712 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
JETSPEED_USER_PF.PSML_ID, JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE,
JETSPEED_USER_PF.LANGUAGE, JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE,
JETSPEED_USER_PF.PROFILE FROM JETSPEED_USER_PF WHERE JETSPEED_USER_PF.LANGUAGE='en'
AND JETSPEED_USER_PF.MEDIA_TYPE='html' AND JETSPEED_USER_PF.PAGE='default.psml' AND
JETSPEED_USER_PF.USER_NAME='guest' 2008-01-11 13:42:52,713
[ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms 2008-01-11 13:42:52,717
[ConduitStreamListener2-2] DEBUG BasePeer - SELECT JETSPEED_USER_PF.PSML_ID,
JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE, JETSPEED_USER_PF.LANGUAGE,
JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE, JETSPEED_USER_PF.PROFILE FROM
JETSPEED_USER_PF WHERE JETSPEED_USER_PF.MEDIA_TYPE='html' AND
JETSPEED_USER_PF.PAGE='default.psml' AND JETSPEED_USER_PF.USER_NAME='guest'
2008-01-11 13:42:52,718 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=0 ms
2008-01-11 13:42:52,723 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
AUTHO.USER_ID, AUTHO.PASSWORD, AUTHO.STATUS, AUTHO.LANG, AUTHO.EMAIL, AUTHO.FNAME,
AUTHO.LNAME, AUTHO.PAGER, AUTHO.VERSION, AUTHO.DOWNLOAD_TIME, AUTHO.SUPER,
AUTHO.PARENT_ID, AUTHO.ENTITY_ID, AUTHO.TIMEOUT, AUTHO.POLICY_ID,
AUTHO.PWD_MOD_DATE, AUTHO.DASH_USER_ID, AUTHO.CONFIRM_VALUE, UTHO.MODIFIED,
AUTHO.CREATED, AUTHO.LAST_LOGIN, AUTHO.DISABLED, AUTHO.OBJECTDATA,
AUTHO.SECURITY_CODE, AUTHO.CHANGE_PASS_NEXT FROM AUTHO WHERE AUTHO.USER_ID='guest'
2008-01-11 13:42:52,725 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms
2008-01-11 13:42:52,726 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
TURBINE_USR_GRP_RL.USER_ID, TURBINE_USR_GRP_RL.GROUP_ID, TURBINE_USR_GRP_RL.ROLE_ID
FROM TURBINE_USR_GRP_RL WHERE TURBINE_USR_GRP_RL.USER_ID='guest' 2008-01-11
13:42:52,727 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms 2008-01-11
13:42:52,728 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
JETSPEED_USER_PF.PSML_ID, JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE,
JETSPEED_USER_PF.LANGUAGE, JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE,
JETSPEED_USER_PF.PROFILE FROM JETSPEED_USER_PF WHERE JETSPEED_USER_PF.LANGUAGE='en'
AND JETSPEED_USER_PF.MEDIA_TYPE='html' AND JETSPEED_USER_PF.COUNTRY='US' AND
JETSPEED_USER_PF.PAGE='default.psml' AND JETSPEED_USER_PF.USER_NAME='guest'
2008-01-11 13:42:52,729 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms
2008-01-11 13:42:52,734 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
JETSPEED_USER_PF.PSML_ID, JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE,
```

```
JETSPEED_USER_PF.LANGUAGE, JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE,
JETSPEED_USER_PF.PROFILE FROM JETSPEED_USER_PF WHERE JETSPEED_USER_PF.LANGUAGE='en'
AND JETSPEED_USER_PF.MEDIA_TYPE='html' AND JETSPEED_USER_PF.PAGE='default.psml' AND
JETSPEED_USER_PF.USER_NAME='guest' 2008-01-11 13:42:52,735
[ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms 2008-01-11 13:42:52,740
[ConduitStreamListener2-2] DEBUG BasePeer - SELECT JETSPEED_USER_PF.PSML_ID,
JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE, JETSPEED_USER_PF.LANGUAGE,
JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE, JETSPEED_USER_PF.PROFILE FROM
JETSPEED_USER_PF WHERE JETSPEED_USER_PF.MEDIA_TYPE='html' AND
JETSPEED_USER_PF.PAGE='default.psml' AND JETSPEED_USER_PF.USER_NAME='guest'
2008-01-11 13:42:52,741 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms
2008-01-11 13:42:52,766 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
JETSPEED_USER_PF.PSML_ID, JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE,
JETSPEED_USER_PF.LANGUAGE, JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE,
JETSPEED_USER_PF.PROFILE FROM JETSPEED_USER_PF WHERE JETSPEED_USER_PF.LANGUAGE='en'
AND JETSPEED_USER_PF.MEDIA_TYPE='html' AND JETSPEED_USER_PF.COUNTRY='US' AND
JETSPEED_USER_PF.PAGE='default.psml' AND JETSPEED_USER_PF.USER_NAME='guest'
2008-01-11 13:42:52,767 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms
2008-01-11 13:42:52,773 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
JETSPEED_USER_PF.PSML_ID, JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE,
JETSPEED_USER_PF.LANGUAGE, JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE,
JETSPEED_USER_PF.PROFILE FROM JETSPEED_USER_PF WHERE JETSPEED_USER_PF.LANGUAGE='en'
AND JETSPEED_USER_PF.MEDIA_TYPE='html' AND JETSPEED_USER_PF.PAGE='default.psml' AND
JETSPEED_USER_PF.USER_NAME='guest' 2008-01-11 13:42:52,774
[ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms 2008-01-11 13:42:52,779
[ConduitStreamListener2-2] DEBUG BasePeer - SELECT JETSPEED_USER_PF.PSML_ID,
JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE, JETSPEED_USER_PF.LANGUAGE,
JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE, JETSPEED_USER_PF.PROFILE FROM
JETSPEED_USER_PF WHERE JETSPEED_USER_PF.MEDIA_TYPE='html' AND
JETSPEED_USER_PF.PAGE='default.psml' AND JETSPEED_USER_PF.USER_NAME='guest'
2008-01-11 13:42:52,780 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms
2008-01-11 13:42:52,785 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
AUTHO.USER_ID, AUTHO.PASSWORD, AUTHO.STATUS, AUTHO.LANG, AUTHO.EMAIL, AUTHO.FNAME,
AUTHO.LNAME, AUTHO.PAGER, AUTHO.VERSION, AUTHO.DOWNLOAD_TIME, AUTHO.SUPER,
AUTHO.PARENT_ID, AUTHO.ENTITY_ID, AUTHO.TIMEOUT, AUTHO.POLICY_ID,
AUTHO.PWD_MOD_DATE, AUTHO.DASH_USER_ID, AUTHO.CONFIRM_VALUE, AUTHO.MODIFIED,
AUTHO.CREATED, AUTHO.LAST_LOGIN, AUTHO.DISABLED, AUTHO.OBJECTDATA,
AUTHO.SECURITY_CODE, AUTHO.CHANGE_PASS_NEXT FROM AUTHO WHERE AUTHO.USER_ID='guest'
2008-01-11 13:42:52,786 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms
2008-01-11 13:42:52,787 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
TURBINE_USR_GRP_RL.USER_ID, TURBINE_USR_GRP_RL.GROUP_ID, TURBINE_USR_GRP_RL.ROLE_ID
FROM TURBINE_USR_GRP_RL WHERE TURBINE_USR_GRP_RL.USER_ID='guest' 2008-01-11
13:42:52,788 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms 2008-01-11
13:42:52,789 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
JETSPEED_USER_PF.PSML_ID, JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE,
JETSPEED_USER_PF.LANGUAGE, JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE,
JETSPEED_USER_PF.PROFILE FROM JETSPEED_USER_PF WHERE JETSPEED_USER_PF.LANGUAGE='en'
AND JETSPEED_USER_PF.MEDIA_TYPE='html' AND JETSPEED_USER_PF.COUNTRY='US' AND
JETSPEED_USER_PF.PAGE='default.psml' AND JETSPEED_USER_PF.USER_NAME='guest'
2008-01-11 13:42:52,790 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms
2008-01-11 13:42:52,795 [ConduitStreamListener2-2] DEBUG BasePeer - SELECT
JETSPEED_USER_PF.PSML_ID, JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE,
JETSPEED_USER_PF.LANGUAGE, JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE,
JETSPEED_USER_PF.PROFILE FROM JETSPEED_USER_PF WHERE JETSPEED_USER_PF.LANGUAGE='en'
AND JETSPEED_USER_PF.MEDIA_TYPE='html' AND JETSPEED_USER_PF.PAGE='default.psml' AND
JETSPEED_USER_PF.USER_NAME='guest' 2008-01-11 13:42:52,796
```



```
[ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms 2008-01-11 13:42:52,801  
[ConduitStreamListener2-2] DEBUG BasePeer - SELECT JETSPEED_USER_PF.PSML_ID,  
JETSPEED_USER_PF.USER_NAME, JETSPEED_USER_PF.MEDIA_TYPE, JETSPEED_USER_PF.LANGUAGE,  
JETSPEED_USER_PF.COUNTRY, JETSPEED_USER_PF.PAGE, JETSPEED_USER_PF.PROFILE FROM  
JETSPEED_USER_PF WHERE JETSPEED_USER_PF.MEDIA_TYPE='html' AND  
JETSPEED_USER_PF.PAGE='default.psm1' AND JETSPEED_USER_PF.USER_NAME='guest'  
2008-01-11 13:42:52,802 [ConduitStreamListener2-2] DEBUG BasePeer - Elapsed time=1 ms
```

Functional Area: Dashboard

Escalation ID: 1368008

Resolution: Created a dashboard profile for /ws users.

Please apply Gentrans Integration Suite, Release 4.2 Build 4210 or later.

Fix ID: 41524

Severity: Normal

Type: Normal Fix

Build: 4210

DataStore

InQira ID: NFX1599

Title: Correlation entries for HTTP post service do not have correct the business process ID

Description: Correlation entries for HTTP post service do not have correct the business process ID.
Dataflows do not show correct business process ID.

Functional Area: DataStore

Escalation ID: 1367336

Resolution: Apply Gentrans Integration Suite 4.2, Build 4210 or later.

Fix ID: 40408

Severity: Normal

Type: Normal Fix

Build: 4210

EDI

InQira ID: NFX1665

Title: TA1 generation process errors from EDI Post Processor when duplicate checking is enabled at any level envelope

Description: ISA does request TA1 generation: ISA*00* *00* *08*9251590000 *01*007941230
*071231*1418*U*00401*000020442*1*P*>

Inbound ISA Envelope is set to “Yes” for “Perform Duplicate Control Number Checking” and “Never” for “Generate an acknowledgement”

Errors on EDI Post Processor step: in X12DevelopeUnified business process: Advanced Status Error: TA1 Generation Error Status Report: Error in TA1 generation - Envelope-Not-Found

Functional Area: EDI

Escalation ID: 1367880

Resolution: This issue has been corrected in the following Releases of Gentran Integration Suite:

- ◆ Gentran Integration Suite, Release 4.1.1 Patch 1985 or later
- ◆ Gentran Integration Suite, Release 4.2 Build 4210 or later

Fix ID: 41468, 41469

Severity: Normal

Type: Normal Fix

Build 1985, 4210

InQuira ID: NFX1677

Title: EDIFACT Envelopes are not available for selection when creating SAP Routes Cross Reference

Description: Only tradacoms envelopes are visible in the dropdown.

Error Message None

Functional Area: EDI

Escalation ID: 1367789

Resolution:

- ◆ Apply Gentran Integration Suite Build 4303 or later to fix this issue.
- ◆ Apply Gentran Integration Suite Build 4210 or later to fix this issue.

Workaround:

```
Edit jdbc.properties.in # SAP XRef UI envelope list selects query.sapGetInbdEnvelopes=SELECT
DISTINCT ENVELOPE_ID FROM ENVELOPE WHERE ENVELOPE_FUNCTION=1 AND TYPE IN
('ST SE', 'UHN UNT Syntax 4', 'STX END', 'CII', 'VDA') query.sapGetOutbdEnvelopes=SELECT
DISTINCT ENVELOPE_ID FROM ENVELOPE WHERE ENVELOPE_FUNCTION=0 AND TYPE
IN('ST SE', 'UNH UNT Syntax 4', 'MHD MTR', 'CII', 'VDA') UHN should be UNH
```

Stop Gentran Integration Suite.

Run setupfiles.

Restart Gentran Integration Suite.

Fix ID: 41284, 41280

Severity: Normal

Type: Normal Fix

Build: 4303, 4210

NFX1707

Title: EDIDevelope fails with java.lang.NullPointerException when processing a document with over 100 interchanges

Description: EDIDevelope fails with java.lang.NullPointerException when processing a document with over 100 interchanges

```
ERROR 000110070158 WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting to execute
service EDIDevelope java.lang.NullPointerException at
com.sterlingcommerce.woodstock.services.edi.developeservice.EDIDevelopeServiceIm
pl.processData(EDIDevelopeServiceImpl.java:364) at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1671) at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:559) at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:339) at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:321) at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQue
ueListener.java:202) at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:163) at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:149) at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:3
31) at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor
.java:496) at java.lang.Thread.run(Thread.java:595)
```

Functional Area: EDI

Escalation ID: 1367724

Resolution: The EDIDevelope service was coded to only split up to 100 interchanges. This MAX_INTERCHANGE_COUNT value now can be modified in the enveloping.properties.in file to set the number of interchanges that can be developeped and an exception error is generated when the maximum is exceeded.

- ◆ Please apply Gentrans Integration Suite, Release 4.3 Build 4303 or later.
- ◆ Please apply Gentrans Integration Suite, Release 4.2 Build 4210 or later.

Fix ID: 41113, 42220

Severity: Normal

Type: Normal Fix

Build: 4303, 4210

EDI Deenvelope Service

InQuira ID: NFX1607

Title: ServiceError happens at EDIDeenvelopeService when processing CII data with 100 interchanges

Description:

Problem: ServiceError happens at EDIDeenvelopeService when processing CII data with 100 interchanges.

‘Potential bad data found between 83000 and 83000, but an exception occurred trying to report it correctly - 100’

If the number of interchanges is 101 in data file, the error changes as below.

‘java.lang.ArrayIndexOutOfBoundsException: 100’

Functional Area: EDIDeenvelopeService

Escalation ID: 1367670

Resolution:

- ◆ Please apply Gentran Integration Suite, Release 4.2 Build 4210 or later.
- ◆ Please apply Gentran Integration Suite, Release 4.3 Build 4303 or later.

Fix ID: 41346 (4210), 41071, 41072

Severity: Normal

Type: Normal Fix

Build 4210, 4303

Enabling Technologies

NFX1823

Title: db_optimization_tool.sh fails to rebuild indexes and generate statistics in a timely fashion on Oracle 10g

Description: db_optimization_tool.sh fails to rebuild indexes and generate statistics in a timely fashion on Oracle 10g

Functional Area: Enabling Technologies

Escalation ID: QC

Resolution: Internal queries were modified to improve performance of the db_optimization_tool functionality (stats/index rebuilds) on Oracle 10g.

Fix ID: 42221

Severity: Normal

Type: Normal Fix

Build: 4210

Executable

InQira ID: NFX1750

Title: ConnectException during scheduled CLA2 execution at Gentran Integration Suite startup

Description: Since CLA2 service will not startup right after Gentran Integration Suite startup (we can see this from startWindowsService.cmd), the business processes which are executed at the Gentran Integration Suite startup having CLA2 Service throws error as below.

```
[2008-01-28 18:18:14.296] ERROR 000000000000 GLOBAL_SCOPE Exception in processData  
java.net.ConnectException: Connection refused: connect
```

Functional Area: Executable

Escalation ID: 1368166

Resolution: Please apply Gentran Integration Suite Release 4.2, Build 4210 or later.

Fix ID: 41705, 41707

Severity: Normal

Type: Normal Fix

Build: 4210

FTP Adapter

InQira ID: NFX1728

Title: FTP Client BEGIN session adapter will timeout if FTP server responds with more than one 220 command

Description: FTP Client BEGIN session adapter will timeout (“Response not received before specified timeout reached.”) if FTP server responds with more than one 220 command.

Functional Area: FTP Adapter

Escalation ID: 1367076

Resolution: This issue has been corrected in the following Releases of Gentran Integration Suite:

- ◆ Gentran Integration Suite, Release 4.1.1 Patch 1985 or later
- ◆ Gentran Integration Suite, Release 4.2 Build 4210 or later

Fix ID: 41505, 41506

Severity: Normal

Type: Normal Fix

Build: 1985, 4210

FTP Server Adapter

InQira ID: NFX1730

Title: FTP Server Adapter fails to get files with square brackets (e.g. FOO[BAR].txt) in the name on a Gentran Integration Suite MSSQL DB system

Description: FTP Server Adapter fails to get files with square brackets (e.g. FOO[BAR].txt) in the name on a Gentran Integration Suite MSSQL DB system. The select SQL query breaks due to special characters, as it is not using the escape characters.

The special characters, such as square brackets, are reserved characters in the MSSQL Database server. Hence, this affects Gentran Integration Suite with MSSQL database hosting mailboxes.

When an attempt is made to retrieve the file, the error "Response: 550 Requested action not taken. Message not found." is received.

Functional Area: FTP Server Adapter

Escalation ID: 1367825

Resolution: The SQL select query used for retrieval of file now uses escape characters for Gentran Integration Suite systems installed to a MSSQL database.

This issue has been corrected in the following Releases of Gentran Integration Suite:

- ◆ Gentran Integration Suite Release 4.1.1, Patch 1985 or later
- ◆ Gentran Integration Suite Release 4.2, Build 4210 or later

Fix ID: 41465, 41490

Severity: Normal

Type: Normal Fix

Build: 1985, 4210

Index Escalation

InQira ID: NFX1796

Title: Halted business process is being incorrectly indexed

Description: Halted business process is being incorrectly indexed.

Query in jdbcworkflow.properties is looking for an incorrect statuses.

Functional Area: Index Escalation

ID: QC

Resolution: Corrected query in jdbcworkflow.properties file.

Please apply Gentran Integration Suite, Release 4.2 Build 4210 or later.

Fix ID: 41675

Severity: Normal

Type: Normal Fix

Build: 4210

Mailboxing

InQuira ID: NFX1731

Title: No error is logged when putting file into a non-existing mailbox

Description: When a user account is assigned a mailbox permission to a mailbox that doesn't exist, the user will be able to login via FTP and do a CD to that non existing mailbox. Doing a DIR doesn't display the mailbox; doing a PUT will put the file in deadletter.

Functional Area: Mailboxing

Escalation ID: 4742073, 1367810

Resolution:

- ◆ Please apply Gentran Integration Suite version 4.1.1, Build 1985 or later.
- ◆ Please apply Gentran Integration Suite version 4.2, Build 4210 or later.

Fix ID: 41476,41477

Severity: Normal

Type: Normal Fix

Build: 1985, 4210

InQuira ID: NFX1789

Title: Mailbox file names with # are being truncated. Missing http client arguments.

Description: Mailbox file names with # are being truncated. Missing http client arguments. With mailbox interface, download filenames with a # are truncated. So B#uild would download as B. In the http response all characters after the # are lost, so additional arguments are lost.

Functional Area: Mailboxing

Escalation ID: 1367704

Resolution: Please apply Gentran Integration Suite 4.2, Build 4210 or later.

Fix ID: 41553

Severity: Normal

Type: Normal Fix

Build: 4210

Map Editor

InQuira ID: NFX1795

Title: SQL map saved in the .MXL format does not compile after a 'Save' is performed

Description: SQL map saved in the .MXL format does not compile after a 'Save' is performed. The map compiles successfully if save in the .MAP file format.

The following error is received for a SQL map that connects to Oracle:

```
ORA-01017: invalid username/password; logon denied;;Driver's SQLSetConnectAttr failed;
```

The following error is received for a SQL map that connects to MS SQL:

```
Error 20732, <DSN Name>: ODBC Execution Error -> Login failed for user <user id>.
```

Other databases may issue similar errors when the map is saved then compiled.

Functional Area: Map Editor

Escalation ID: 1367909

Resolution: When a map is saved in the .MXL file format, the file is in an XML format. The Map Editor encrypts the database password information before placing it in the XML file. When the map is compiled, the Map Editor passes the encrypted password into the connect string and not the actual password and therefore the map fails to connect to the database.

This issue has been corrected in Gentran Integration Suite Release 4.2, Build 4210 and later.

Fix ID: 41487

Severity: Normal

Type: Normal Fix

Build: 4210

InQuira ID: NFX1804

Title: Map Editor hangs when trying to open a map saved as .mxl file

Description: Original map was from Gentran:Server for Windows. Edit/Details and change Map Function to Sterling Integrator. If saved with .map extension it is fine and can be re-opened. If saved with .mxl extension it saves fine, but when attempting to re-open, the Map Editor hangs indefinitely.

Pop-up box 'Reading data from map file' appears on screen and hangs at approximately 90%.

Functional Area: Map Editor

Escalation ID: 1368004

Resolution:

- ◆ Please apply Gentran Integration Suite version 4.3, Build 4304 or higher to resolve this issue.
- ◆ Please apply Gentran Integration Suite version 4.2, Build 4210 or higher to resolve this issue.

Fix ID: 41597

Severity: Normal

Type: Normal Fix

Build: 4304, 4210

InQuira ID: NFX1806

Title: Map Editor is incorrectly setting the KeyFieldAction element in the .MXL to a value of 65535

Description: When loading a .DDF file in a map, the Map Editor is incorrectly setting the KeyFieldAction element in the .MXL (saved map) file value for a record with no key field to 65535.

Functional Area: Map Editor

Escalation ID: QC

Resolution: Corrected the Map Editor to assign a value of 0 to the KeyFieldAction element when the KeyField is null.

Please apply Gentran Integration Suite Release 4.2, Build 4210 or later.

After applying the build, download and install the new Map Editor.

Fix ID: 41054

Severity: Normal

Type: Normal Fix

Build: 4210

Mapping

InQuira ID: NFX1780

Title: Extended Rules Count Function May Return Incorrect Results

Description: Count function returns 0 when there is a repeating group with a repeating record, with no single record present.

Functional Area: Mapping

Escalation ID: 1367941

Resolution: This issue is resolved in Gentran Integration Suite 4.2 Build 4210, which can be downloaded from Support on Demand. After applying this patch, reinstall the mapper

Fix ID: 41601

Severity: Normal

Type: Normal Fix

Build: 4210

InQuira ID: NFX1784

Title: Using a Hex value greater than 7F as a delimiter will be outputted as ? if passed through a business process

Description: Using a Hex value greater than 7F as a delimiter will be outputted as ? if passed through business process. The value outputs correctly when specified within the map.

Functional Area: Mapping

Escalation ID: 1367951

Resolution: This issue is resolved in Gentran Integration Suite 4.2 Build 4210, which can be downloaded from Support on Demand.

After applying this patch, reinstall the mapper.

Fix ID: 41619

Severity: Normal

Type: Normal Fix

Build: 4210

Reporting – Core

InQuira ID: Not available

Title: Error when attempting to create a BPDdetail Report when the name exceeds 40 characters

Description: When attempting to create a Report for a BPDdetail that contains a business process (either system or user-created) that exceeds 40 characters, an error similar to the following will be reported:

```
java.sql.SQLException: ORA-12899: value too large for column  
"GENTRAN"."RPT_FILTER"."FILTER_VALUE" (actual: 46, maximum: 40)
```

Functional Area: Reporting – Core

Escalation ID: 1367321

Resolution:

- ◆ For Gentran Integration Suite 4.1.1, apply Build 1985 or later to resolve.
- ◆ For Gentran Integration Suite 4.2, apply Build 4210 or later to resolve.
- ◆ For Gentran Integration Suite 4.3, apply Build 4303 or later to resolve.

Fix ID: 40915 (4210), 40914 (4.1.1), 40916 (4303)

Severity: Normal

Type: Normal Fix

Build: 1985, 4210, 4303

Reveal Primary Document

InQuira ID: NFX1783

Title: Obscure Data – Reveal Primary Document results in corrupt data when revealing in a child process

Description: When a document is obscured in a parent business process and revealed in a child business process, the document is corrupted.

Usually the document is mostly readable, but a few characters here and there are not correct.

Functional Area: Reveal Primary Document

Escalation ID: 1367914

Resolution:

For Gentran Integration Suite 4.2, apply Build 4210 or later.

Fix ID: 41721

Severity: Normal

Type: Normal Fix

Build: 4210

RosettaNet

InQuira ID: NFX1681

Title: Gentran Integration Suite hardcodes MD5 as the encryption algorithm for the MessageDigest in the RosettaNet Receipt Acknowledgment

Description: Gentran Integration Suite hardcodes MD5 as the encryption algorithm for the MessageDigest in the RosettaNet Receipt Ack. Trading partner wants to see SHA1 as the encryption algorithm, but his is not currently configurable.

Functional Area: RosettaNet

Escalation ID: 1367945

Resolution: This issue has been corrected in the following releases of Gentran Integration Suite:

- ◆ Gentran Integration Suite, Release 4.1.1 Patch 1986 or later
- ◆ Gentran Integration Suite, Release 4.2 Build 4210 later

After applying the patch, Gentran Integration Suite will pull the encryption algorithm from the Document Exchange record.

Fix ID: 41689, 41614

Severity: Critical

Type: New Functionality

Build: 1986, 4210

SAP Suite Adapter

InQira ID: NFX1632

Title: SAP Suite Adapter sending acknowledgements back to SAP even if the Gentran Integration Suite database is down.

Description: If Gentran Integration Suite database is down for some reason such as transaction log full, then SAP Suit Adapter is not aware of this and keeps on sending acknowledgements for any inbound idocs back to SAP. However, the Idocs are not stored to Gentran Integration Suite database and cannot be retried from SAP as they are already acknowledged, thus lost in transit.

TIDManager.service_loop errors in SAP.log:

```
The method "unknown" of class "unknown" has the following problem : Error during
maintenance of SAP_TID table..
The method "unknown" of class "unknown" has the following problem : Error during
maintenance of SAP_TID table..
The method "createTIDLog" of class
"com.sterlingcommerce.woodstock.services.sapsuite.common.SapTIDManager" has the
following problem : Error during processing SQL statement : INSERT INTO SAP_TID
(DATA_TIME,TID ,INSTANCE_NAME) VALUES(?,?,?)..
The method "changeStatsuByTidAndInstance" of class
"com.sterlingcommerce.woodstock.services.sapsuite.common.SapTIDManager" has the
following problem : JDBC did not update a row in Transaction Management Table."
```

Functional Area: SAP Suite Adapter

Escalation ID: 1366747

Resolution: Gentran Integration Suite SAP Suite Adapter will send acknowledgements back to SAP only if the Idocs are stored successfully to Gentran Integration Suite database.

Fix ID: 41184 (4210), 41185 (4303)

Severity: Normal

Type: Normal Fix

Build: 4210

NFX1636

Title: SAP synchronous RFC - sending data to SAP and calling remote function module - RSDRI_ODSO_INSERT_RFC - not a custom RFC.

Description

SAP synchronous RFC - sending data to SAP and calling remote function module - RSDRI_ODSO_INSERT_RFC - not a custom RFC. Receives the following error:

```
java.util.MissingResourceException: Can't find resource for bundle java.util.PropertyResourceBundle, key
executeCall; nested exception is: java.lang.NullPointerException
```

The file is sent to SAP successfully and calls the remote function (which inserts the data), but is getting the error. Error shows up in SAP log (with logging enabled) and wf log.

Can't find resource for bundle java.util.PropertyResourceBundle, key executeCall

Functional Area: SAP Suite Adapter

Escalation ID: 1367555

Resolution

- ◆ This issue has been fixed in Gentran Integration Suite, Release 4.1.1 Build 1985
- ◆ This issue has been fixed in Gentran Integration Suite, Release 4.2 Build 4210
- ◆ This issue has been fixed in Gentran Integration Suite, Release 4.3 Build 4303

Fix ID: 41587, 40962, 41187, 42222

Severity: Normal

Type: Normal Fix

Build: 1985, 4303, 4210

Screen “MyAccount” Settings

InQuira ID: NFX1757

Title: Choosing blank Identity in My Account and saving it causes exception to be logged in visibility.log

Description:

```
Error / Stack Trace (from logs): ERROR SQL Error Code: 1400 [2007-12-19 10:34:57.455]
ERROR SQL State: 23000 java.sql.SQLException: ORA-01400: cannot insert NULL into
("HRAO"."ADMIN_AUDIT"."ACTION_VALUE") at
oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java:112) at
oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java(Compiled Code)) at
oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java(Inlined Compiled Code)) at
oracle.jdbc.driver.T4C8Oall.receive(T4C8Oall.java(Compiled Code)) at
oracle.jdbc.driver.T4CPreparedStatement.doOall8(T4CPreparedStatement.java(Compiled
Code)) at
oracle.jdbc.driver.T4CPreparedStatement.executeForRows(T4CPreparedStatement.java(Com
piled Code)) at
oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(OracleStatement.java(Compile
d Code)) at
oracle.jdbc.driver.OraclePreparedStatement.executeInternal(OraclePreparedStatement.j
ava(Compiled Code)) at
oracle.jdbc.driver.OraclePreparedStatement.execute(OraclePreparedStatement.java:3422
) at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method) at
sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java(Compiled
Code)) at
sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java(Compiled
Code)) at
sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java(Com
piled Code)) at java.lang.reflect.Method.invoke(Method.java(Compiled Code)) at
com.sterlingcommerce.woodstock.mailbox.db.SQLWrapper.forwardMethod(SQLWrapper.java:6
5) at
com.sterlingcommerce.woodstock.mailbox.db.StatementWrapper.invoke(StatementWrapper.j
ava:144) at $Proxy1.execute(Unknown Source) at
com.sterlingcommerce.woodstock.dmi.visibility.db.DmiVisEventWarehouse$1.body(DmiVisE
ventWarehouse.java:281) at
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation._runInTransaction(Databa
```

```
seOperation.java:301) at  
com.sterlingcommerce.woodstock.mailbox.db.DatabaseOperation.runInTransaction(DatabaseOperation.java:152) at  
com.sterlingcommerce.woodstock.dmi.visibility.db.DmiVisEventWarehouse$Worker.executeStatementsAsExecutor(DmiVisEventWarehouse.java:249) at  
com.sterlingcommerce.woodstock.dmi.visibility.db.DmiVisEventWarehouse$Worker.run(DmiVisEventWarehouse.java:228) at java.lang.Thread.run(Thread.java:567)
```

Steps to reproduce:

1. Go in Accounts > Myaccount.
2. Choose an identity.
3. Save Choose a “blank” identity.

Save Logs the exception in visibility.log.

Functional Area: Screen “MyAccount” settings

Escalation ID: 4807475

Resolution: Apply Gentran Integration Suite 4.2, Build 4210 or later.

Fix ID: 41190

Severity: Normal

Type: Normal Fix

Build: 4210

Security/Properties

InQuira ID: NFX1749

Title: When changing the LockInterval in ui.properties to a value other than 30 minutes, the new value is not used.

Description: When changing the LockInterval in the ui.properties.in files to other values than 30 minutes, the lock is created with a 30 minute expiry.

Functional Area: Security/Properties

Escalation ID: 1368091

Resolution: Added new variable UIGlobals.LOCK_INTERVAL and modified Login to set lock period based on this variable’s value.

Modified Files: com.sterlingcommerce.woodstock.ui.UIGlobals
com.sterlingcommerce.woodstock.ui.servlet.Login

Fix ID: 41594

Severity: Normal

Type: Normal Fix

Build: 4210

SNMP

InQira ID: NFX1746

Title: Out of Memory Error when using Simple Network Management Protocol (SNMP) Trap Adapter

Description:

OutOfMemoryError, cannot create anymore threads due to memory or resource constraints

Functional Area: SNMP

Escalation ID: 1367870

Resolution:

Please apply Gentran Integration Suite, Release 4.1.1 Build 1985 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4210 or later.

Fix ID: 41491, 41475

Severity: Normal

Type: Normal Fix

Build: 1985, 4210

Translator

InQira ID: NFX1676

Title: Trailing zeros are not trimmed if the Gentran Integration Suite is installed on Windows xp with default local is set to French

Description: For certain locales, the translator is picking up the decimal separator from the user default local when it should pick it up from the map or the translation property first. This will happen only is the OS is installed with a language other than English.

Functional Area: Translator

Escalation ID: 4722918

Resolution:

- ◆ Please apply Gentran Integration Suite 4.3, Build 4303 or later to resolve this issue.
- ◆ Please apply Gentran Integration Suite 4.2, Build 4210 or later to resolve this issue.
- ◆ Please apply Gentran Integration Suite 4.1.1, Build 1985 or later to resolve this issue.

Fix ID: 41159, 41429, 41158

Severity: Normal

Type: Normal Fix

Build: 4303, 1985, 4210

InQira ID: NFX1701

Title: The + or - sign appeared in middle of numeric field when padding with zeroes

Description: Fixed the problem that put the + or - sign in middle of Numeric field when padding with zeroes. The +, or - sign now is always at the first position of the field before the zero.

Prior to this patch (4303), a field/element of type R2 (Format is zero padded right justified, value always signed) displayed as "00+12.25". After applying this patch, the value will be - "+0012.25"

Functional Area: Translator

Escalation ID: 1367472

Resolution:

Summary:

+0000000000012.3400 for Right Justify, Padding Zeros, Generate + prefix +000012.3400000000 for Center Justify, Padding Zeros, Generate + prefix +12.340000000000000 for Left Justify, Padding Zeros, Generate + prefix 0000000000012.3400 for Right Justify, Padding Zeros, Not Generate + prefix 00000012.3400000000 for Center Justify, Padding Zeros, Not Generate + prefix 12.3400000000000000 for Left Justify, Padding Zeros, Not Generate + prefix

If value is -12.34, output is:

-0000000000012.3400 for Right Justify, Padding Zeros

-000012.3400000000 for Center Justify, Padding Zeros

-12.3400000000000000 for Left Justify, Padding Zeros

- ◆ Please apply Gentrans Integration Suite 4.3, Build 4303 or higher to resolve this issue.
- ◆ Please apply Gentrans Integration Suite 4.2, Build 4210 or higher to resolve this issue.

Fix ID: 41112, 41720

Severity: Normal

Type: Normal Fix

Build 4303, 4210

User Interface**InQira ID: NFX1612**

Title: Business processes are restarted twice when using the Advanced Search > Business Process Operations

Description: When using the Advanced Search for Business Processes, and Business Process Operations, business processes can be submitted to be restarted twice.

The following is the condition under which this happens:

1. Go to Business Process > Monitor > Advanced Search > Business Process.
2. Enter the following search parameters: Search Using Business Process Name (Business Processes).

3. Check the box “Enable Business Process Operations” State - Select “Completed.” (NOTE: Results must be 2 pages or more.)
4. Click the “Check All” link.
5. Change to Page 2.
6. Uncheck one of the business processes from page 2 or later.
7. Select Activities > Restart.
8. Click GO!

When the results screen appears, it will show that all business processes listed on the first page of results were restarted twice.

Functional Area: User Interface

Escalation ID: 1367708

Resolution

- ◆ For Gentran Integration Suite 4.0, apply Patch 32 or later to resolve.
- ◆ For Gentran Integration Suite 4.1.1, apply Build 1985 or later to resolve.
- ◆ For Gentran Integration Suite 4.2, apply Build 4210 or later to resolve.
- ◆ For Gentran Integration Suite 4.3, apply Build 4303 or later to resolve.

Fix ID: 41124, 41107, 41106, 41105

Severity: Normal

Type: Normal Fix

Build 1985, 4210, 4303

InQuira ID: NFX1625

Title: Fix in Gentran Integration Suite 4.2 to display an error in user interface while importing system certificate having invalid certificate input format

Description: Gentran Integration Suite 4.2 does not complain while importing a certificate, with an invalid certificate input format, that is obtained from the certificate authority as a system certificate. Even though there are no errors while importing, certificate is not added in Gentran Integration Suite.

If the same certificate is imported in Gentran Integration Suite 4.1.1, Build 1982, the user interface displays the error that certificate import is failing because the certificate does not have valid certificate input format.

Functional Area: User Interface

Escalation ID: 1367522

Resolution: Please apply Gentran Integration Suite Version 4.2 Build 4210 or later.

Fix ID: 40804, 40837, 40852, 39891

Severity: Normal

Type: Normal Fix

Build: 4210

InQira ID: NFX1678

Title: Checking “Remember search by values” on My Account is not retaining a few of the Advanced Search’s search criteria fields

Description: When “Remember search by values” is checked, the Time filed was not remembered, so when the page was revisited it would show the current time.

Functional Area: User Interface

Escalation ID: 1367830

Resolution:

- ◆ Apply Gentrans Integration Suite Build 4303 or later to fix this issue.
- ◆ Apply Gentrans Integration Suite Build 4210 or later to fix this issue.

Fix ID: 41351 (4210), 41364 (4303)

Severity: Normal

Type: Normal Fix

Build: 4303, 4210

InQira ID: NFX1688

Preview New Fix/Build/Patch Content Entry Fields

Title: Check in XSLT using ISO-8859-1

Encoding Type. Error received: “Style Sheet File not found. Please try again.”

Description: Check in XSLT using ISO-8859-1 Encoding Type. Error received: “Style Sheet File not found. Please try again.”

The UI drop down list has an error.

```
encoding2 = ISO-8859-1,ISO8859_1 is IS(zero), not IS(OH)
```

Checking in stylesheet fails because the encoding does not exist.

Functional Area: User Interface

Escalation ID: 4809838

Resolution: Apply patch 4303, patch 4210, or correct with a property change in encodings.properties.

If the encoding chosen matches the stylesheet, it will be checked in (this case ISO-8859-1). These encodings are in install/properties/encodings.properties encoding#2 and encoding#5. These are editable.

Fix ID: 41354, 41355

Severity: Normal

Type: Normal Fix

Build: 4303, 4210

InQira ID: NFX1794

Title: Current Processes not returning correct results

Description: When logged as a user (non-admin) that does not have super admin rights, it does not show the correct business process results in the Current Processes screen. However, the non-admin user can see all the processes when using business process Advanced Search or Central Search.

Functional Area: User Interface

Escalation ID: 1367590

Resolution: The problem was caused by incorrect logic on permissions check acting on the wrong workflow ID under special circumstances.

Please apply Gentran Integration Suite 4.2, Build 4210 or later.

Fix ID: 41494

Severity: Normal

Type: Normal Fix

Build: 4210

InQira ID: NFX1799

Title: A time range of 00:00 to 00:59 cannot be entered in the detail filtering when configuring a report

Description: When configuring a report it is not possible to set the From: or To: times to a time within the range 00:00 – 00:59, this error is always displayed:

Time entered should be in the range 00:00 – 23:59.

Functional Area: User Interface

Escalation ID: 1367757

Resolution: Apply Gentran Integration Suite Release 4.2, Build 4210 or later.

Fix ID: 41426

Severity: Normal

Type: Normal Fix

Build: 4210

Workflow Engine

InQira ID: NFX1800

Title: The DISTRIBUTED parameter for the Begin Transaction Service is run as TRUE when explicitly set as FALSE.

Description: The DISTRIBUTED parameter for the Begin Transaction Service is run as TRUE when explicitly set as FALSE.

Functional Area: Workflow Engine

Escalation ID: 1367890

Resolution: Apply Gentran Integration Suite, Release 4.2 Build 4210 and later.

Fix ID: 41416

Severity: Normal

Type: Normal Fix

Build: 4210

InQuira ID: NFX1805

Title: Change in behavior when calling an onFault in a process invoked asynchronously and calling a subprocess inline.

Description: This only happens in the interaction between three processes:

- ◆ BP1 does an asynchronous invoke of BP2.
- ◆ BP2 does an inline invoke of BP3.
- ◆ BP3 fails and calls the onFault in BP3. The onFault in BP3 calls the BPEXception service.

This is where the behavior changes.

In 4.0, the onFault in BP2 then kicks off.

In 4.2 and 4.3, the processing stops at that point. This is the incorrect behavior.

Functional Area: Workflow Engine

Escalation ID: 1368375

Resolution: Apply Gentran Integration Suite 4.2, Build 4210 or later.

Fix ID: 41676

Severity: Normal

Type: Normal Fix

Build: 4210

Build 4209 Product Enhancements and Fixes

Build 4209 Product Enhancements

No additional product enhancements have been added to Gentran Integration Suite Release 4.2 Build 4209.

Build 4209 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4209 in the following areas:

- ◆ Adapter
- ◆ Adapters – Command Line 2
- ◆ Adapters – Connect:Direct
- ◆ Adapters – HTTP/Rehost
- ◆ Adapters – MQ Queue
- ◆ Adapters – SAP IDoc
- ◆ CII Envelope Service
- ◆ Command Line Adapter 2
- ◆ Communications Sessions for Connect:Direct Server Adapter
- ◆ Connect:Direct Interop
- ◆ Connect:Direct Server Adapter
- ◆ Correlation.java
- ◆ Correlation Search
- ◆ Correlation Search User Interface
- ◆ Dashboard User Interface
- ◆ Datastore
- ◆ ebXML
- ◆ EDI
- ◆ EDIDevelope

- ◆ Enabling Technologies
- ◆ Enveloping
- ◆ Executable
- ◆ FTP Client Adapter
- ◆ Install – Services
- ◆ Mailboxing
- ◆ Map
- ◆ Map Editor
- ◆ Mapper
- ◆ Mapping
- ◆ NEO – Dashboard
- ◆ PGP Encryption
- ◆ Program
- ◆ Reconcile997.java
- ◆ Reporting – Core
- ◆ Routing Rule
- ◆ SAP Suite Adapter
- ◆ Scheduler
- ◆ SFTP Client Adapter
- ◆ SOAP
- ◆ Trading Partner Profiles
- ◆ Translator
- ◆ User Interface
- ◆ User Interface – Manage Extended Rule Library
- ◆ WinConvert Utility
- ◆ Workflow Engine

Adapter

InQira ID: NFX1541

Title: Network report reconciliation service reports that about half of the inbound network reports cannot be reconciled

Description: Not all the network reports are getting reconciled by the Network report reconciliation service. For some network reports, it's giving an error that "No matching correlation found". Customer is on: Gentran Integration Suite Version: 4.1.0-10 : DB : MS SQL Server OS: Windows

Functional Area: Adapter

Escalation ID: 1366821

Resolution:

Please apply Gentran Integration Suite, Release 4.1.1 Build 1983 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4209 or later

Fix ID: 40046, 40058

Severity: Normal

Type: Normal Fix

Build: 1983, 4209

InQuira ID: NFX1637

Title: SOA Outbound service in SOA_RequestHandler business process is persisting 2 copies of the primary document.

Description: Business Process is setup to run in 'Step Status Only' mode to make sure documents are not saved in database, but SOA Outbound service in SOA_RequestHandler business process is still persisting 2 additional copies of the primary document.

Functional Area: Adapter

Escalation ID: 1366847

Resolution: Apply Gentran Integration Suite, Release 4.2 Build 4209 or higher

Fix ID: 39814

Severity: Normal

Type: Normal Fix

Build: 4209

Adapters – Command Line 2

InQuira ID: NFX1660

Title: Command Line Adapter 2 external JVM leaks file handles

Description: Command Line 2 adapter calls results in a leak of 1-3 file handles on the client side code running in the CLA2Client.jar file. Customers currently work around the issue by restarting the external JVM running the CLA2Client jar.

Functional Area: Adapters – Command Line

Escalation ID: QC

Resolution: The 3 streams (input, output, error) associated with the runtime exec() process are now explicitly closed.

Apply Gentran Integration Suite, Release 4.2 Build 4209 or higher

Fix ID: 40504

Severity: Normal

Type: Normal Fix

Build: 420

Adapters – Connect:Direct

InQira ID: NFX1605

Title: Business Process fails when they are being invoked by a Connect:Direct adapter

Description:

java.lang.nullpointer exception from FSA (extraction) when using Connect:Direct adapter

Functional Area: Adapters – Connect:Direct

Escalation ID: 1367466

Resolution: Apply Gentran Integration Suite Release 4.2, Build 4209 or later.

Apply Gentran Integration Suite Release 4.1.1, Build 1983 or later.

Fix ID: 40507, 40791 (4209); 40510 (1983)

Severity: Normal

Type: Normal Fix

Build: 4209, 1983

Adapters – HTTP/Rehost

InQira ID: NFX1626

Title: Migrating webforms from Gentran Integration Suite 3.1 to Gentran Integration Suite 4.2

Description: Customer's webforms were working fine with Gentran Integration Suite 3.1, but now fail with Gentran Integration Suite 4.2, giving the following:

```
HTTP ERROR: 500 An+exception+was+caught+while+handling+this+request%2E
```

Functional Area: Adapters – HTTP/Rehost

Escalation ID: 1366959

Resolution: Changed the old StringTokenizer() to String.split() to handle name value pairs in encodedURL.

Please apply build 4209 or higher for Gentran Integration Suite, Release 4.2

Fix ID: 40649

Severity: Normal

Type: Normal Fix

Build: 4209

Adapters – MQ Queue

InQira ID: NFX1631

Title: When running the older MQ Adapter with low persistence, data artifacts are created in database

Description: When using Gentran Integration Suite with the older MQ Adapter (*not* the new MQ Suite), and the persistence level is set low on the business process calling it, there are rows created in the database that are not associated with any business process in the system.

These rows would be considered to be data artifacts, or “orphans.”

Functional Area: Adapters – MQ Queue

Escalation ID: 1367086

Resolution: For Gentran Integration Suite 4.2, apply Build 4209 or later to resolve

If data artifacts are suspected on the system from this issue, please contact Support for assistance with resolving them. Note that applying the new Build will *not* remove any data artifacts that currently exist, it will only prevent new ones from being created.

Fix ID: 39494

Severity: Normal

Type: Normal Fix

Build: 4209

Adapters – SAP IDoc

InQira ID: NFX1531

Title: SAPOutboundALE Business Process errors out with Envelope not Found error

Description: SAPOutboundALE Business Process errors out with Envelope not Found error because the acceptor alias is truncated to 30 characters by Document Extraction Service.

Functional Area: Adapters – SAP IDoc

Escalation ID: 1367141

Resolution:

Apply Gentran Integration Suite Release 4.0.3 patch 31 or higher.

Apply Gentran Integration Suite Release 4.1 Build patch 1983 or higher.

Apply Gentran Integration Suite Release 4.2 Build patch 4209 or higher.

Fix ID: 40116 (1983), 40117 (4209)

Severity: Normal

Type: Normal Fix

Build: 4.0.3-31, 1983, 4209

InQuira ID: NFX1600

Title: EDIFACT Envelopes do not show up in list of envelopes when creating an Inbound SAP Cross Reference

Description: When trying to create a new SAP Route Cross Reference, none of the EDIFACTenvelopes appear in the drop-down list

Functional Area: Adapters – SAP IDoc

Escalation ID: 1367291

Resolution:

For Gentran Integration Suite 4.2, apply Build 4209 or later to resolve

For Gentran Integration Suite 4.3, apply Build 4302 or later to resolve

Fix ID: 40361

Severity: Normal

Type: Normal Fix

Build: 4209. 4302

CII Envelope Service

InQuira ID: NFX1608

Title: CII Envelope got an exception error when an output CII becomes just 251 byte

Description CII Envelope got an exception error when an output CII becomes just 251 byte However, with the build 4207, CII Envelope service got an error '31: Exception Encountered' by 'java.lang.NegativeArraySizeException'. Customer also tested with around 251 byte, multiple number of 251 and around multiple numbers, but no problem with them. It seems that this problem comes up with just 251 byte only. Customer is on: Gentran Integration Suite Version 4.2 build 4207 OS: Win2003 DB: Any

Functional Area: CII Envelope service

Escalation ID: 1367223

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4209 or later

Fix ID: 40064

Severity: Normal

Type: Normal Fix

Build: 4209

Command Line Adapter 2

InQuira ID: NFX1183

Title: Command Line Adapter 2 (CLA2) doesn't execute command line when waitOnProcess is set to false

Description: Changed CLA2 adapter to only execute when waitOnProcess is set to true

Functional Area: CLA2

Escalation ID: 1366827

Resolution: Changed CLA2 adapter to only execute when waitOnProcess is set to true.

Gentran Integration Suite, Release 4.1.1 Build 1983 and higher

Gentran Integration Suite, Release 4.2 Build 4209 and higher

Fix ID: 39902, 39907

Severity: Normal

Type: Normal Fix

Build: 1983, 4209

Communications Sessions for Connect:Direct Server Adapter

InQuira ID: NFX1613

Title: Connect:Direct Server Adapter sessions still show as active even though the Connect:Direct Server Adapter has been disabled

Description: Connect:Direct Server Adapter sessions still show as active even though the Connect:Direct Server Adapter has been disabled; must recycle Gentran Integration Suite to clear the Communications Sessions. When the customer's Business Process was configured to not execute the Connect:Direct Server End session service (which is a service to cause the session to disconnect), his sessions remained in a CONNECTION ACTIVE state per Business Processes > Monitor > Advanced Search > Communications Sessions, even though the session is no longer connected to the remote.

Functional Area: Communications Sessions for Connect:Direct Server Adapter

Escalation ID: SR1367423

Resolution: Sessions continued to show "active" or "open" from the UI page (Communication Sessions) even after restarting the adapter. Restarting the adapter actually caused all outstanding resources to be released; however, the connection STATUS was not properly updated in the visibility database, therefore the sessions were reported "active." Development added a shutdown method to the ConnectDirectConnection class to post a disconnect event in the visibility database when sessions are forced close by disabling an adapter.

Fix ID: 41094

Severity: Normal

Type: Normal Fix

Build: 4209

Connect:Direct Interop

InQira ID: NFX1542

Title: Gentran Integration Suite Connect:Direct Adapter and Windows Connect:Direct Server logging errors JMGR010I and JMGR012I

Description: The Connect Direct protocol defines a bit in each message that, when set, indicates that the sender would like a response. This bit was not being set, yet the sender was blocked in a read call waiting for one.

Functional Area: Connect Direct Interop

Escalation ID: 1367335

Resolution: We no longer blindly read, instead we look to see if the bit was set and follow the protocol.

Please apply Gentran Integration Suite, Release 4.1 Build 1983 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4209 or later.

Fix ID: 40039 (1983), 41181 (4209)

Severity: Normal

Type: Normal Fix

Build: 1983

InQira ID: NFX1624

Title: Communication Session details does not show a secure session for the Connect:Direct protocol when using Secure+

Description: Communication Session details does not show a secure session for the Connect:Direct protocol when using Secure+

Functional Area: Connect Direct Interop

Escalation ID: 1367079

Resolution: Secure+ DMI events are now logged properly when the policy is obtained from the netmap.

Fix ID: 41227

Severity: Normal

Type: Normal Fix

Build: 4209

Connect:Direct Server Adapter

InQira ID: NFX1494

Title: Connect:Direct Server adapter continues to accept data connections when Gentran Integration Suite database is full

Description: The Gentran Integration Suite 4.2 Connect:Direct Server adapter does not become disabled when Gentran Integration Suite database is full.

Data is “lost” when the Gentran Integration Suite Connect:Direct Server adapter accepts data connections but cannot persist data to Gentran Integration Suite database due to lack of free space in DB tablespace.

Functional Area: Connect:Direct Server adapter

Escalation ID: 1366946

Resolution: Please apply Build 4209 for Gentran Integration Suite 4.2 or Build 4301 for Gentran Integration Suite 4.3

Fix ID: 41228

Severity: Normal

Type: Normal Fix

Build: 4209, 4301

InQuira ID: NFX1593

Title: Gentran Integration Suite user unable to launch business process with Connect:Direct Server BP Response Service in Connect:Direct Server Adapter with SPOE authentication

Description: The remote Connect:Direct PNODE’s process is actually authenticated with the Connect:Direct Server adapter SPOE correctly; however, after this step it is unable to launch a business process due to change in user. The business process is suppose to respond back to Snode and use all the session parameters from process data to send this response primarydoc, but this is not triggered as the user is switched. The error is:

```
GLOBAL_SCOPE SNodeConnection.submit() - User is not Authenticated, UserId  
[Administrator] Password [null]
```

Functional Area: Connect:Direct Server adapter

Escalation ID: 1366610

Resolution: This service is used as the last operation in a business process launched from a Connect:Direct Server adapter in response to a request from a remote Connect:Direct Server to “copy-from-BP”. The service performs a call-back on the Connect:Direct Server adapter that launched the business process to convey the primary document which is used as the response to send to the remote Connect:Direct server.

Fix ID: 41226

Severity: Normal

Type: Normal Fix

Build: Gentran Integration Suite 4.2 Build 4209 release

Correlation.java

InQuira ID: NFX1584

Title: 997 being reconciled by the ediDeenvelope process is not updated in the correlation table.

Description: If the OverdueAckCheck business process and the Deenvelope process to reconcile 997's are running at the same time, the 997 being reconciled by the ediDeenvelope process will not be updated in the correlation table.

Functional Area: Correlation.java

Escalation ID: 1367425

Resolution: This is a database timing issue; the database cannot be locked. Reconciliation is occurring correctly, and the status is updated to ACCEPTED. However during the window of the commit access to the database from the business process OverdueAckCheck, it finds the time has expired (this cannot occur on WAITING only on expired) and re-sets the flag to OVERDUE. This has been corrected by changing the update query to recheck that fields have not been changed during the commit process.

Patch Release 4.1.1 - Please apply Build 1984

Patch Release 4.2 - Please apply Build 4209 or later.

Patch Release 4.3 - Please apply Build 4302 or later.

Fix ID: 40910

Severity: Normal

Type: Normal Fix

Correlation Search

InQuira ID: NFX1402

Title: EDI_Correlation search does not return information at the group/transaction level

Description: Failure when searching on a time frame that returns a limited number of interchanges and attempting to drill down to the Group level information (only 1 group) on a database with approximately 28,000,000 rows in correlation.

Functional Area: Correlation Search

Escalation ID: QC

Resolution:

Apply Gentran Integration Suite Release 4.2, Build 4208 or later to resolve the issue.

Apply Gentran Integration Suite Release 4.1.1, Build 1983 or later to resolve the issue.

Fix ID: 39406 (4.1.1), 41223 (4209)

Severity: Normal

Type: Normal Fix

Build: 1983, 4209

Correlation Search User Interface

InQira ID: NFX1604

Title: Correlation Search and EDI Correlation Search screens default to local workstation time rather than Gentran Integration Suite Server time.

Description: Correlation Search and EDI Correlation Search screens default to local workstation time rather than Gentran Integration Suite Server time.

Functional Area: Correlation Search UI

Escalation ID: 1367466

Resolution:

Correlation Search and EDI Correlation Search pages default to server timezone

Gentran Integration Suite, Release 4.2 Build 4209 and higher

Fix ID: 40948

Severity: Normal

Type: Normal Fix

Build: 4209

Dashboard User Interface

InQira ID: NFX1634

Title: Back or Refresh button on Gentran Integration Suite User Interface (UI) should display login screen

Description: Log out of Gentran Integration Suite, select the back arrow or the Refresh button and the 'Warning: Page has expired' message appears with an option to refresh the screen. If the option to refresh is selected, the user often times is logged back in to the previous session as if they never logged off. This could be a security concern.

Functional Area: New property to Dashboard UI

Escalation ID: 1367118

Resolution: Apply Release 4.2, build 4209

Fix ID: 39942

Severity: Normal

Type: Normal Fix

Datastore

InQira ID: NFX1599

Note: This fix is not available in Gentran Integration Suite 4.2, build 4209. It is included in Gentran Integration Suite 4.2, build 4210.

Title: Correlation entries for HTTP post service do not have correct the Business Process ID

Description: Correlation entries for HTTP post service do not have correct the Business Process ID. Dataflows do not show correct Business Process ID.

Functional Area: DataStore

Escalation ID: 1367336

Resolution: Update to Gentran Integration Suite 4.2.09 or higher.

Fix ID: 40408

Severity: Normal

Type: Normal Fix

Build: 4209

ebXML

InQira ID: NFX1521

Title: ebXML didn't handle retry when there is a communication failure

Description: ebXML didn't handle retry when there is communication failure.

Functional Area: ebXML

Escalation ID: 1366002

Resolution: To fix the problem, onFault is added to catch any communication failure, then retry mechanism continues.

Please apply Gentran Integration Suite, Release 4.2 Build 4209 or later.

Fix ID: 38345

Severity: Normal

Type: Normal Fix

Build: 4209

EDI

InQira ID: NFX1574

Title: EDI Correlation search does not return correct information when a date range is entered

Description: EDI Correlation search does not return correct information when a date range is entered.

Functional Area: EDI

Escalation ID: QC

Resolution: The query has been changed to correctly use a range for greater than/less than the dates entered in the search.

Please apply Gentran Integration Suite, Release 4.1.1 Build 1983 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4209 or later.

Fix ID: 39513 (1983), 40010 (4209)

Severity: Normal

Type: Normal Fix

Build: 1983

EDIDevelope

InQuira ID: NFX1607

Title: ServiceError happens at EDIDevelopeService when processing CII data with 100 Interchanges

Description: Problem: ServiceError happens at EDIDevelopeService when processing CII data with 100 Interchanges. During test, following result has been confirmed. 1. The error happen only when processing inbound data with over 100 interchanges in one file. If the number of interchanges is 99, the error will not happen. The error message in status report is as below. 'Potential bad data found between 83000 and 83000, but an exception occurred trying to report it correctly - 100' 2. If the number of interchanges is 101 in data file, the error changed as below. 'java.lang.ArrayIndexOutOfBoundsException: 100' 3. If using EDIFACT instead, there will be no problem. It seems to be CII specific issue.

Functional Area: EDIDevelopeService

Escalation ID: 1367670

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4209 later Please apply Gentran Integration Suite, Release 4.3 Build 4302 later

Fix ID: 41071, 41072

Severity: Normal

Type: Normal Fix

Build: 4209, 4302

Enabling Technologies

InQuira ID: NFX1598

Title: Incorrect comment for timetolerance parameter within centralops.properties file

Description: Comment should state that the timetolerance parameter is listed in seconds, not minutes.

INCORRECT:

#The time difference allowed between nodes (in minutes)

timetolerance=60

CORRECT

#The time difference allowed between nodes (in seconds)

timetolerance=60

Functional Area: Enabling Technologies

Escalation ID: 1367202

Resolution: Update to Gentran Integration Suite 4.2.09 or higher. centralpops.properties file will correctly reflect that timetolerance parameter is in seconds.

Fix ID: 39963

Severity: Normal

Type: Normal Fix

Build: 4209

Enveloping

InQuira ID: NFX1618

Title: VDA Enveloping – the option for streaming outbound data does not work in Gentran Integration Suite 4.2

Description: Outbound VDA Enveloping – In the VDA envelope definition, we give the option to Stream Segments, but this does not work.

Functional Area: Enveloping

Escalation ID: 1366735

Resolution: Streaming is not implemented for VDA, the envelope is generated by a map. Removed the Stream Segments option from VDA document envelope wizard.

Apply release 4.2, build 4209

Fix ID: 39443-1366735

Severity: Normal

Type: Normal Fix

Build: 4209

Executable

InQuira ID: NFX1447

Title: Importing a DTD that contains elements that are referenced but not declared causes the Map Editor to crash.

Description: When a DTD that has an elements that is used but not declared is imported into the Gentran Integration Suite Map Editor, the Map Editor crashes.

When the same DTD is imported into a G:SW Map Editor, a warning message is generated, and the map creation continues. The warning that is generated is:

```
Element used but not declared. Empty element being created (<element name>)
```

Problem exists on the following versions of Map Editor for Gentran Integration Suite:

Gentran Integration Suite 4.2, 4.1.1, and 4.03.

The following versions were tested:

Gentran Integration Suite 4.2.08, 4.2.05, 4.1.1 Build 1980, 4.1.1 Build 1979, and 4.03 base

Functional Area: Executable

Severity: Normal

Type: Normal Fix

Gentran Integration Suite Release 4.2 – Apply patch 4209 or higher

Build: 4209

FTP Client Adapter

InQuira ID: NFX1614

Title: Gentran Integration Suite FTP Client List intermittently fails

Description: Gentran Integration Suite FTP Client adapter expects canAccept () before reply_226

This problem is specific to active mode.

Functional Area: FTP Client adapter

Escalation ID: 1366504

Resolution:

Apply Gentran Integration Suite 4.2 patch 4209

4209 includes a code fix to allow canAccept() to follow reply_226.

ex. reply_226 and then canAccept()

Fix ID: 39921

Severity: Normal

Type: New Functionality

Build: 4209

Install – Services

InQira ID: NFX1615

Title: report.properties.in and report.properties files are not being updated consistently when applying patch in a Cluster

Description: In Gentran Integration Suite 4.2, after installing patch the report.properties file is updated in node 1, but not in node2. The patch process is not consistently updating this properties file in subsequent nodes.

Functional Area: Install – Services

Escalation ID: 1366785

Resolution: Please apply patch 4209.

Fix ID: 40372

Severity: Normal

Type: Normal Fix

Build: 4209

Mailboxing

InQira ID: NFX1661

Title: NullPointerException after deleting a mailbox routing rule

Description: When a routing rule is deleted and the Return button clicked, this message appears:

```
Cannot open the internet site  
The operation was interrupted.
```

Functional Area: Mailboxing

Escalation ID: 1367473

Resolution: Please apply Build 4209 or higher for Gentran Integration Suite, Release 4.2.

Fix ID: 40571

Severity: Normal

Type: Normal Fix

Build: 4209

InQira ID: NFX1322

Note: This fix was originally scheduled for Build 4208.

Title: Schedule_MailboxEvaluateAllAutomaticRules not releasing locks when errors encountered

Description: Schedule_MailboxEvaluateAllAutomaticRules lock has no timeout. When this business process fails, the lock is never released. This essentially causes a production down as no files are transferred through AFT until someone realizes it and manually releases the lock.

Functional Area: Mailboxing

Escalation ID: 1366699

Resolution: Change the business process to more closely simulate the schedule_index and other internal business processes.

Changed business process to look more like the Schedule Index process and added the email of the alert as well.

Please apply Build 1982 or higher for Gentran Integration Suite, Release 4.1.1.

Please apply Build 4209 or higher for Gentran Integration Suite, Release 4.2.

Fix ID: 38234, 38235

Severity: Normal

Type: Normal Fix

Build: 1982, 4209

InQuira ID: NFX1458

Title: Communication Sessions Detail screen does not show the Mailbox Interface as being secure

Description: Communication Session Details screen does not show the Mailbox Interface as being secure. The HTTP Server Adapter for Mailbox is setup for SSL Must.

Functional Area: Mailboxing

Escalation ID: 1367131

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4301 or higher.

Please apply Gentran Integration Suite, Release 4.2 Build 4209 or higher.

Fix ID: 39739 (4301), 39666(4209)

Severity: Normal

Type: Normal Fix

Build: 4301, 4209

InQuira ID: NFX1466

Title: /Deployment/Mailboxes/Messages behavior change

Description: Cannot add entries to the "Selected Mailboxes" list.

When one or more mailboxes in the "Available Mailboxes" list are selected and the single-down arrow" is clicked, any mailboxes currently in the "Selected Mailboxes" list are cleared.

Functional Area: Mailboxing

Escalation ID: 1366015

Resolution: Please apply Gentran Integration Suite, Release 4.3 Build 4301 or later (or Gentran Integration Suite, Release 4.2 Build 4209 or later).

Fix ID: 38616 (4301); 38617 (4209)

Severity: Normal

Type: Normal Fix

Build: 4301, 4209

Map

InQuira ID: NFX1468

Title: XML map file definition saved in IFD format fails during load

Description: When creating a new map, if an XML map file definition is saved in the IFD format, the import fails with a message “Unexpected file format.” This only happens when the file definition has codelists present. Customer is using a Cluster Environment Gentran Integration Suite version : 4.1.1, 4.2 OS: Linux 2.6.9-34.ELsmp,x86 DB : Oracle

Functional Area: Map

Escalation ID: 1366295

Resolution: Please apply Gentran Integration Suite, Release 4.1.1 Build 1983 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4209 or later.

Please apply Gentran Integration Suite, Release 4.3 Build 4302 or later

Fix ID: 38704, 38702

Severity: Normal

Type: Normal Fix

Build: 4302, 1983, 4209

Map Editor

InQuira ID: NFX1447

Title: When a DTD with an element that is used but not declared is imported into the Gentran Integration Suite Map Editor, it crashes

Description: When a DTD with an element that is used but not declared is imported into the Gentran Integration Suite Map Editor, it crashes.

Functional Area: Map Editor

Escalation ID: 1367405

Resolution: Please apply Build 4209 or higher for Gentran Integration Suite, Release 4.2.

Fix ID: 40463

Severity: Normal

Type: Normal Fix

Build: 4209

InQuira ID: NFX1532

Title: Error when opening a *.mxl map in Map Editor

Description: Error when opening a map that was previously saved in mxl format. The error message is:

```
error maxInclusive constraint failed
the element '{http://www.stercomm.com/SI/map}ConstantID' has an invalid value
according to its data type
```

Functional Area: Map Editor

Escalation ID: 1367559

Resolution: Fixed the mapper so that it is no longer possible to create a system variable standard rule without selecting a variable in the drop down box to use.

Also added a compiler error so that if the user has a map that was previously created with a system variable rule with an invalid variable (none selected) will display this error and point the user to the fields that need fixing.

Finally, modified the schema definition to allow integers in this field because an invalid entry is saved as 65535 which is too big to be represented by a short which it was previously. This should allow these maps to be opened.

1. Please download and install the latest patch:
Gentran Integration Suite 4.1.1 - 1983 (or later)
Gentran Integration Suite 4.2 - 4209 (or later)
Gentran Integration Suite 4.3 - 4302 (or later)
2. Uninstall the old version of the mapper.
3. From Deployment > Maps, download and install the latest version of the Map Editor.
4. Open and recompile the map.

Fix ID: 40631 (4.1.1), 40632 (4.2), 40633 (4.3)

Severity: Normal

Type: Normal Fix

Build: 1983, 4209, 4302

InQuira ID: NFX1533

Title: The Map Editor compiler includes the namespace URL when “Enable namespace support” option is unchecked

Description: If the “Use this Namespace” field contains an entry and we uncheck “Enable Namespace support” or uncheck “Use this namespace”, the value in Use this namespace is grayed out (disabled), but it appears the map editor is still including the namespace information in the compiled translation object (.TXO) file.

This is causing translation to fail even when not using a namespace unless the “Use this Namespace” field is blank regardless of whether or not the “Enable Namespace support” options is checked or un-checked.

Functional Area: Map Editor

Escalation ID: 1367063

Resolution:

1. Please download and install the latest patch:
Gentran Integration Suite 4.1.1-1983 (or later)
Gentran Integration Suite 4.2-4209 (or later)
Gentran Integration Suite 4.3-4302 (or later)
2. Uninstall the old version of the mapper.
3. From Deployment > Maps, download and install the latest version of the Map Editor.
4. Open and recompile the map.

Fix ID: 39971-1367063

Severity: Normal

Type: Normal Fix

Build: 1983, 4209, 4302

Mapper

InQuira ID: NFX1548

Title: Invalid time data does not cause a translation error

Description: Invalid time data does not cause a translation error.

Example 2400 or 3600 for a date time field defined as HHMM processes without error.

Functional Area: Mapper

Escalation ID: 1367348

Resolution: This issue is resolved in Gentran Integration Suite 4.1.1.1983 Gentran Integration Suite 4.2.0.9, and Gentran Integration Suite 4.3 4301 which can be downloaded from Support on Demand. After applying this patch reinstall the mapper

Fix ID: 40267, 40268

Severity: Normal

Type: Normal Fix

Build: 1983, 4209, 4301

InQira ID: NFX1549

Title: The Euro currency character €(hex 80) causes a translation error when used in an extended rule

Description: The Euro currency character €(hex 80) causes a translation error when used in an extended rule

Functional Area: Mapper

Escalation ID: 1367289

Resolution: This issue is resolved in Gentran Integration Suite 4.1.1.1983 Gentran Integration Suite 4.2.0.9, and Gentran Integration Suite 4.3 4302 which can be downloaded from Support on Demand. After applying this patch reinstall the mapper

Fix ID: 40499, 40501

Severity: Normal

Type: Normal Fix

Build: 1983, 4209, 4302

InQira ID: NFX1553

Title: A constant containing the hex value OC cause the mapper to crash when saving the map

Description: A constant containing the hex value OC cause the mapper to crash when saving the map

Functional Area: Mapper

Escalation ID: 1366606

Resolution: This issue is resolved in Gentran Integration Suite 4.1.1.1983 Gentran Integration Suite 4.2.0.9, and Gentran Integration Suite 4.3 4301 which can be downloaded from Support on Demand. After applying this patch reinstall the mapper

Fix ID: 40127, 40128

Severity: Normal

Type: Normal Fix

Build: 1983, 4209, 4301

InQira ID: NFX1559

Title: The empty command does not empty the field

Description: The empty command does not empty the field if the field is used within an extended rule prior to the empty command and the rules are at the On End level.

Functional Area: Mapper

Escalation ID: 1365119

Resolution: This issue is resolved in Gentran Integration Suite 4.1.1.1983, Gentran Integration Suite 4.2.0.9, and Gentran Integration Suite 4.3 4301, which can be downloaded from Support on Demand.

After applying this patch, reinstall the mapper.

Fix ID: 39872, 39936

Severity: Normal

Type: Normal Fix

Build: 1983, 4209, 4301

InQuira ID: NFX1560

Title: Conditional fields are not saved in the DDF of a map

Description: Conditional fields are not saved in the DDF of a map

Functional Area: Mapper

Escalation ID: 1364172

Resolution: This issue is resolved in Gentran Integration Suite 4.1.1.1983, Gentran Integration Suite 4.2.0.9, and Gentran Integration Suite 4.3 4301, which can be downloaded from Support on Demand.

After applying this patch, reinstall the mapper.

Fix ID: 39863, 39864

Severity: Normal

Type: Normal Fix

Build: 1983, 4209, 4301

InQuira ID: NFX1622

Title: The number of characters you can enter for the tag is width dependent, not character count dependent

Description: The number of characters you can enter for the tag is width dependent, not character count dependent

Functional Area: Mapper

Escalation ID: 1366712

Resolution: This issue is resolved in Gentran Integration Suite 4.2.0.9 which can be downloaded from Support on Demand. After applying this patch reinstall the mapper.

Fix ID: 40286, 40287

Severity: Normal

Type: Normal Fix

Build: 4209

InQuira ID: NFX1623

Title: When using File > Print to file within the mapper, include only active objects is reversed

Description: Within the mapper, when you choose File > Print to file, and have Print extended rules selected and “include only active objects” checked, it prints out the extended rules of the deactivated fields.

If it is unchecked, it does not print out the deactivated fields.

Functional Area: Mapper

Escalation ID: 1367637

Resolution: This issue is resolved in Gentran Integration Suite 4.2.0.9 which can be downloaded from Support on Demand. After applying this patch, reinstall the mapper.

Fix ID: 40807

Severity: Normal

Type: Normal Fix

Build: 4209

Mapping

InQuira ID: NFX1551

Title: Extended rules do not run at field level, when all the active fields do not contain data.

Description: Extended rules do not run at field level, when all the active fields do not contain data.

Functional Area: Mapping

Escalation ID: 1367022

Resolution: This issue is resolved in Gentran Integration Suite 4.1.1.1983 Gentran Integration Suite 4.2.0.9, and Gentran Integration Suite 4.3 4301 which can be downloaded from Support on Demand. After applying this patch reinstall the mapper.

Fix ID: 40218, 40130

Severity: Normal

Type: Normal Fix

Build: 1983, 4209, 4301

InQuira ID: NFX1554

Title: The value for the namespace must be removed before unchecking the “enable namespace box”

Description: The value for the namespace must be removed before unchecking the “enable namespace box”

If the “Use this Namespace” field contains an entry, even though the “Enable Namespace support” options is un-checked (turned off), it appears the map editor is still including the namespace information in the compiled translation object (.TXO) file.

This is causing translation to fail when not using a namespace unless the “Use this Namespace” field is blank regardless of whether or not the “Enable Namespace support” options is checked or un-checked.

Even though the check box “Enable Namespace Support” had been un-checked, the mapper is still including the namespaces in the *.TXO when the map is compiled.

Report Entry:

Section: INPUT Severity:: ERROR

```
SyntaxSpecific: true      Syntax: 8      Code: 691 Unrecognized XML Element
Info:
    10015: Raw Block Data
    RootTag
    10019: Location Index
    0
```

Functional Area: Mapping

Escalation ID: 1366491

Resolution:

This issue is resolved in Gentran Integration Suite 4.1.1.1983, Gentran Integration Suite 4.2.0.9, and Gentran Integration Suite 4.3 4301 which can be downloaded from Support on Demand. After applying this patch reinstall the mapper.

Fix ID: 39869, 39870

Severity: Normal

Type: Normal Fix

Build: 1983, 4209, 4301

InQira ID: NFX1558

Title: Map that has Select CodeList from Standard Rule is translated very slowly

Description: Map that has Select CodeList from Standard Rule is translated very slowly.

Functional Area: Mapping

Escalation ID: 1365738

Resolution: This issue is resolved in Gentran Integartion Suite, 4.0 SP3 Patch 31, Gentran Integration Suite 4.1.1.1983 Gentran Integration Suite 4.2.0.9, and Gentran Integration Suite 4.3 4302, which can be downloaded from Support on Demand.

After applying this patch, reinstall the mapper.

Fix ID: 40136, 40137

Severity: Normal

Type: Normal Fix

Build: 31, 1983, 4209, 4302

InQira ID: NFX1641

Title: Can not update process data via a map with data that contains CRLF (hex 0D0A)

Description: Can not update process data via a map with data that contains CRLF (hex 0D0A)

Functional Area: Mapping

Escalation ID: 1367231

Resolution: This issue has been fixed in Gentran Integration Suite, Release 4.2 Build 4209

Fix ID: 40125

Severity: Normal

Type: NormalFix

Build: 4209

NEO – Dashboard

InQira ID: NFX1597

Title: JsessionID is part of URL returned for Dashboard log on

Description: The JsessionID is part of URL returned for Dashboard log on. This is a security concern because the JsessionID can be copied and utilized in another browser to piggyback a Gentran Integration Suite session that has previously started.

Functional Area: NEO – Dashboard

Escalation ID: 1367093

Resolution: Update to Patch 4.2.09 or higher. The fix removes the jsession ID from the URL.

Fix ID: 39511

Severity: Normal

Type: Normal Fix

Build: 4209

PGP Encryption

InQira ID: NFX1657

Title: PGP package errors out after upgrading from McAfee 8.0 to 8.5.2

Description: GIS 4.1.1 1981

Upgraded McAfee E-Business server from 8.0 to 8.5.2

Error Message

Status Report

Name: Curtis_TEST_PGP_BPInstance ID:122795

Service Name: System Inline Invoke Business Process Service Exception in CmdLine2Thread

java.lang.Exception: Expected file to collect does not exist:

E:\GIS\PGP\PGPnode1_20071004124535111.asc

at

com.sterlingcommerce.woodstock.services.cmdline2.CmdLine2Thread.runCommand(CmdLine2Thread.java:413)

at

com.sterlingcommerce.woodstock.services.cmdline2.CmdLine2Thread.run(CmdLine2Thread.java:128)

stderr=Error: No license file specified.

Functional Area: PGP Encryption

Escalation ID: 1367150

Resolution: Gentran Integration Suite Release 4.2 -- apply patch 4209 or higher. Fix enables the selection of McAfee E Business Server 8.5.1 with PGP in GIS 4.1 and 4.2.

Fix ID: 40037

Severity: Normal

Type: NormalFix

Build: 4209

Program

InQira ID: NFX1493

Title: Provide a script start_msmqPrime.cmd and should be bundled in msmqbundle_4_1_0.jar.

Description: The Gentran Integration Suite documentation references a script start_msmqPrime.cmd to start MSMQPrime, but there is no script in msmqbundle_4_1_0.jar.

Functional Area: Program

Escalation ID: 1366122

Resolution: Please apply Gentran Integration Suite 4.2 patch 4209

Fix ID: 40496

Type: Normal Fix

Build: 4209

InQira ID: NFX1629

Title: start_msmqPrime.cmd missing in msmqbundle.jar

Description: Documentation for the MSMQ Adapter suggests running start_msmqPrime.cmd yet this is missing from msmqbundle.jar.

Functional Area: Program

Escalation ID: 1367526

Resolution:

Patch 4209 - start_msmqPrime.cmd now present in msmqbundle.jar

Fix ID: 40496

Severity: Normal

Build: 4209

Reconcile997.java

InQuira ID: NFX1517

Title: Gentran Integration Suite Reconciliation process fails when returned inbd 997 has leading zeros in the cntrl number

Description: Reconciliation process fails and the status remains “Waiting” when an inbound 997 is received with leading zeros in the AK1:02, but the GS control number for the preceding outbound document was sent without leading zeros.

Functional Area: Reconcile997.java

Escalation ID: 1366388

Resolution:

For Gentran Integration Suite 4.1.1 apply Build 1983 or later to resolve this issue.

For Gentran Integration Suite 4.2 apply Build 4209 or later to resolve this issue.

For Gentran Integration Suite 4.3 apply Build 4302 or later to resolve this issue.

Fix ID: 40177

Severity: Normal

Type: Normal Fix

Reporting – Core

InQuira ID: NFX1465

Title: Cannot generate BPDdetail_ByBPName report

Description: Error message displays:

```
ERROR 000000000000 GLOBAL_SCOPE ReportManager failed to generate report due to:
java.sql.SQLException: ORA-00904: "WFC_VIEW"."WORKFLOW_ID": invalid identifier
    at
oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java(Compiled
Code))
    at oracle.jdbc.driver.T4CTTioer.processError(T4CTTioer.java(Compiled Code))
    at oracle.jdbc.driver.T4CTTioer.processError(T4CTTioer.java(Inlined Compiled
Code))
    at oracle.jdbc.driver.T4C8Oall.receive(T4C8Oall.java(Compiled Code))
    at
oracle.jdbc.driver.T4CPreparedStatement.doOall8(T4CPreparedStatement.java(Compiled
Code))
```

```
    at
oracle.jdbc.driver.T4CPreparedStatement.execute_for_describe(T4CPreparedStatement.java(Compiled Code))
    at
oracle.jdbc.driver.OracleStatement.execute_maybe_describe(OracleStatement.java(Compiled Code))
    at
oracle.jdbc.driver.T4CPreparedStatement.execute_maybe_describe(T4CPreparedStatement.java(Compiled Code))
    at
oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(OracleStatement.java(Compiled Code))
    at
oracle.jdbc.driver.OraclePreparedStatement.executeInternal(OraclePreparedStatement.java(Compiled Code))
    at
oracle.jdbc.driver.OraclePreparedStatement.executeQuery(OraclePreparedStatement.java(Compiled Code))
    at
com.sterlingcommerce.woodstock.workflow.WorkFlowManager.getWFKeysNew(WorkFlowManager.java(Compiled Code))
    at
com.sterlingcommerce.woodstock.workflow.WorkFlowManager.getWFKeys(WorkFlowManager.java:210)
    at
com.sterlingcommerce.woodstock.workflow.WorkFlowManager.getWFKeys(WorkFlowManager.java:160)
    at
com.sterlingcommerce.woodstock.bi.report.content.simple.businessprocess.BPContentBuilder.getWorkflowKeys(BPContentBuilder.java:178)
    at
com.sterlingcommerce.woodstock.bi.report.content.simple.businessprocess.BPContentBuilder.buildContent(BPContentBuilder.java:74)
    at
com.sterlingcommerce.woodstock.bi.report.ReportGenerator.<init>(ReportGenerator.java:66)
    at
com.sterlingcommerce.woodstock.ui.servlet.report.ReportManager.generateReport(ReportManager.java:785)
    at
com.sterlingcommerce.woodstock.ui.servlet.report.ReportManager.doPost(ReportManager.java:181)
    at
com.sterlingcommerce.woodstock.ui.servlet.ServletBase.doGet(ServletBase.java:119)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java(Compiled Code))
    at javax.servlet.http.HttpServlet.service(HttpServlet.java(Compiled Code))
    at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java(Compiled Code))
    at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java(Compiled Code))
    at
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java(Compiled Code))
    at org.mortbay.http.HttpContext.handle(HttpContext.java(Compiled Code))
```



```

        at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java(Compiled Code))
        at org.mortbay.http.HttpContext.handle(HttpContext.java(Compiled Code))
        at org.mortbay.http.HttpServer.service(HttpServer.java(Compiled Code))
        at org.mortbay.http.HttpConnection.service(HttpConnection.java(Inlined Compiled Code))
        at org.mortbay.http.HttpConnection.handleNext(HttpConnection.java(Compiled Code))
        at org.mortbay.http.HttpConnection.handle(HttpConnection.java(Compiled Code))
        at
org.mortbay.http.SocketListener.handleConnection(SocketListener.java(Compiled Code))
        at org.mortbay.util.ThreadedServer.handle(ThreadedServer.java(Compiled Code))
        at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java(Compiled Code))

```

Functional Area: Reporting – Core

Escalation ID: 1366336

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4301 or later.

Please apply Gentran Integration Suite, Release 4.2 Build 4209 or later.

Fix ID: 39201 (4.3), 39108 (4.2)

Severity: Normal

Type: Normal Fix

Build: 4301, 4209

InQuira ID: NFX1596

Title: Error when attempting to create a BPDdetail Report when the name exceeds 40 characters

Description: When attempting to create a Report for a BPDdetail that contains a Business Process (either system or user-created) that exceeds 40 characters, an error similar to the following will be reported:

```

java.sql.SQLException: ORA-12899: value too large for column
"GENTRAN"."RPT_FILTER"."FILTER_VALUE" (actual: 46, maximum: 40)

```

Functional Area: Reporting – Core

Escalation ID: 1367321

Resolution:

For Gentran Integration Suite 4.1.1, apply Build 1984 or later to resolve.

For Gentran Integration Suite 4.2, apply Build 4209 or later to resolve.

For Gentran Integration Suite 4.3, apply Build 4302 or later to resolve.

Fix ID: 40915

Severity: Normal

Type: Normal Fix

Build: 1984, 4209, 4302

InQuira ID: NFX1538

Title: Report comes up blank when selecting Previous Time Unit only

Description: When running an EDI Report that uses a Previous Unit as the date range (Previous Hour, Previous Day, etc), the report comes up blank.

If the user changes the report to use the Date Range instead, and uses the same values (for the previous hour, etc), the report works with no issues

Functional Area: Reporting – Core

Escalation ID: 1366560

Resolution:

For Gentran Integration Suite 4.1.1, apply Build 1983 or later

For Gentran Integration Suite 4.2, apply Build 4209 or later

For Gentran Integration Suite 4.3. apply Build 4302 or later

Fix ID: 40257, 40258, 40255

Severity: Normal

Type: Normal Fix

Build: 1983, 4209, 4302

Routing Rule

InQuira ID: NFX1606

Title: Link between Service Configuration and Routing rule is missing

Description: Problem: After importing a Gentran Integration Suite Export bundle (XML file) that consists of a Mailbox, Mailbox Routing Rule, and a Service Configuration, pointing to that Mailbox Routing Rule, the link between Service Configuration and Routing rule is missing. Customer is on: Gentran Integration Suite Version: 4.2 build 4206 DB: MySQL OS: Windows

Functional Area: Routing Rule

Escalation ID: 1366931

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4209 or later

Fix ID: 38768

Severity: Normal

Type: Normal Fix

Build: 4209

SAP Suite Adapter

InQira ID: NFX1632

Note: This fix is not available in Gentran Integration Suite 4.2, build 4209. It is included in Gentran Integration Suite 4.2, build 4210.

Title: SAP Suite Adapter sending acknowledgements back to SAP even if the Gentran Integration Suite database is down.

Description: If Gentran Integration Suite database is down for some reason such as transaction log full, then SAP Suit Adapter is not aware of this and keeps on sending acknowledgements for any inbound idocs back to SAP. However, the Idocs are not stored to Gentran Integration Suite database and cannot be retried from SAP as they are already acknowledged, thus lost in transit.

TIDManager.service_loop errors in SAP.log:

```
The method "unknown" of class "unknown" has the following problem : Error during
maintenance of SAP_TID table..
The method "unknown" of class "unknown" has the following problem : Error during
maintenance of SAP_TID table..
The method "createTIDLog" of class
"com.sterlingcommerce.woodstock.services.sapsuite.common.SapTIDManager" has the
following problem : Error during processing SQL statement : INSERT INTO SAP_TID
(DATA_TIME,TID ,INSTANCE_NAME) VALUES(?,?,?)..
The method "changeStatsuByTidAndInstance" of class
"com.sterlingcommerce.woodstock.services.sapsuite.common.SapTIDManager" has the
following problem : JDBC did not update a row in Transaction Management Table."
```

Functional Area: SAP Suite Adapter

Escalation ID: 1366747

Resolution: Gentran Integration Suite SAP Suite Adapter will send acknowledgements back to SAP only if the Idocs are stored successfully to Gentran Integration Suite database.

Fix ID: 41184-1366747

Severity: Normal

Type: Normal Fix

Build: Gentran Integration Suite 4.2 Build 4210

InQira ID: NFX1636

Note: This fix is not available in Gentran Integration Suite 4.2, build 4209. It is included in Gentran Integration Suite 4.2, build 4210.

Title: SAP synchronous RFC - sending data to SAP and calling remote function module - RSDRI_ODSO_INSERT_RFC - not a custom RFC

Description: SAP synchronous RFC - sending data to SAP and calling remote function module - RSDRI_ODSO_INSERT_RFC - not a custom RFC.

The following error displays:

```
java.util.MissingResourceException: Can't find resource for bundle
java.util.PropertyResourceBundle, key executeCall; nested exception is:
    java.lang.NullPointerException
```

The file is sent to SAP successfully and calls the remote function (which inserts the data), but gets the error.

Error shows up in SAP log (with logging enabled) and wf log.

```
Can't find resource for bundle java.util.PropertyResourceBundle, key executeCall
```

Functional Area: SAP Suite Adapter

Escalation ID: 1367555

Resolution: This issue has been fixed in Gentran Integration Suite, Release 4.2 Build 4210.

Fix ID: 41186

Severity: Normal

Type: Normal Fix

Scheduler

InQuira ID: NFX1457

Title: Modified schedule will not run until a restart of Gentran Integration Suite

Description: If you modify a schedule and skip some of the screens, you can create a schedule that will not run until a restart of Gentran Integration Suite.

To recreate this:

1. Create a business process schedule on a timer.
Verify schedule is running.
2. Edit schedule.
3. On first page, select "Run Daily."
4. Still on first page, click Save.
5. Click Finish.

At this point, the schedule stops running on the timer.

Also, when I go back in edit the schedule correctly, setting it to run daily and set a time, the schedule will not run on that schedule.

A restart of Gentran Integration Suite will get the schedule working again.

Functional Area: Scheduler

Escalation ID: 1366339

Resolution:

As a workaround: Edit the schedule and go through each page. Save the schedule. Then restart Gentran Integration Suite. The schedule will start running after the restart.

As a fix:

Apply build 4209 or later (4.2).

Apply build 4301 or later (4.3).

Fix ID: 39839 (4301), 39840 (4209).

Severity: Normal

Type: Normal Fix

Build: 4209, 4301

SFTP Client Adapter

InQira ID: NFX1638

Title: SFTP Client adapter is storing documents using database even through business process is configured to do so

Description: SFTP Client adapter is storing documents using database even through business process is configured to do so.

Functional Area: SFTP client adapter

Escalation ID: 1367518

Resolution: Please apply Gentran Integration Suite 4.2 Build 4209

Fix ID: 40703

Severity: Normal

Type: Normal Fix

Build: 4209

SOAP

InQira ID: NFX1630

Title: RM Decision Service is failing for large files (example 79 MB) with a null report error.

Description: Gentran Integration Suite, Release 4.2

RM Decision Service is failing for large files (example 79 MB) with a null report error.

```
ERROR 000000000000 GLOBAL_SCOPE Exception in processDataImpl method of
ReliableMessageIdentifier:
Error processing SOAP message packageDT: Null report
  com.sterlingcommerce.woodstock.services.soa.common.SOAPEXception: Error processing
SOAP message packageDT: Null report
    at
com.sterlingcommerce.woodstock.services.soa.rm.ReliableMessageIdentifier.processSOAP
MessagePackageDT(ReliableMessageIdentifier.java:357)
```

```
    at
com.sterlingcommerce.woodstock.services.soa.rm.ReliableMessageIdentifier.handleRequest(ReliableMessageIdentifier.java:293)
    at
com.sterlingcommerce.woodstock.services.soa.rm.ReliableMessageIdentifier.processDataImpl(ReliableMessageIdentifier.java:187)
    at
com.sterlingcommerce.woodstock.services.soa.rm.AbstractService.processData(AbstractService.java:120)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1577)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:569)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:347)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:277)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:192)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:157)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:143)
    at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:332)
    at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:494)
    at java.lang.Thread.run(Thread.java:534)
```

Functional Area: SOAP

Escalation ID: 1367327

Resolution: Wait time for the report was not set high enough for larger files.

This issue has been fixed in Gentrans Integration Suite, Release 4.2 Build 4209

Fix ID: 40205

Severity: Normal

Type: Normal Fix

Build: 4209

Trading Partner Profiles

InQuira ID: NFX1539

Title: Modifying AS2 schedule creates a new version of business process which does not even validate

Description: When the AS2 Schedule is modified (Deployment -> Schedule), it creates a new version of corresponding business process which does not even validate.

Following is the business process validation error: The entity “maxCollect” was referenced, but not declared.

Functional Area: Trading Partner Profiles

Escalation ID: 1367008

Resolution:

Please apply Gentrans Integration Suite Release 4.1.1 Build 1983 or higher.

Please apply Gentrans Integration Suite Release 4.2 Build 4209 or higher.

Fix ID: 39947 (1983), 39973 (4209)

Severity: Normal

Type: Normal Fix

Build: 1983, 4209

InQuira ID: NFX1545

Title: Unable to create self-signed certificates that contain a ‘.’ (DOT) in the name.

Description: For SSL, the certificate name must match the Fully Qualified Domain Name, i.e. host.domain.com. When creating the self-signed certificate with a name that contains ‘.’ (DOT), the following Error message is displayed:

```
create Name is invalid: May contain limited ASCII characters. Valid Characters are:  
'A'-'Z', 'a'-'z', '0'-'9', dash(-), space(' '), underscore(_), ampersand(&).
```

Functional Area: Trading Partner Profiles

Escalation ID: 1366109

Resolution:

This change accepts ‘.’ (DOT) in its name while creating self signed Digital Certificates.

Please apply build 1983 or higher for Gentrans Integration Suite, Release 4.1

Please apply build 4209 or higher for Gentrans Integration Suite, Release 4.2

Fix ID: 39649, 39650

Severity: Normal

Type: Normal Fix

Build: 1983, 4209

Translator

InQira ID: NFX1658

Title: Problem updating process data via a map with data that contains carriage returns, newlines and tabs

Description: After upgrading from 3.1 to 4.2, customer can no longer update process data via a map with data that contains carriage returns (0x0d), newlines (0x0a), and tabs (0x09).

Functional Area: Translator

Escalation ID: 1367231

Resolution: Function that checks for valid XML and that should allow tabs (hex 9), carriage returns (hex d), newlines (hex a) and hex range (20 - D7FF) or hex range (E000 - FFFD) was treating tabs, newlines and carriage returns as invalid. It has been fixed.

Apply Gentran Integration Suite Release 4.2 Build patch 4209 or higher.

Fix ID: 40125

Severity: Normal

Type: Normal Fix

Build: 4209

InQira ID: NFX1530

Title: Translator drops 0x00 if it appears at end of record

Description: The translator drops NULLs (0x00) if it appears at the end of positional records.

Functional Area: Translator

Escalation ID: 1367521

Resolution:

Apply Gentran Integration Suite Release 4.0.3 patch 32 or higher.

Apply Gentran Integration Suite Release 4.1 Build patch 1983 or higher.

Apply Gentran Integration Suite Release 4.2 Build patch 4209 or higher.

Apply Gentran Integration Suite Release 4.3 Build patch 4302 or higher.

Fix ID: 40513, 40514, 40515, 40516

Severity: Normal

Type: Normal Fix

Build: 4.0.3-32, 1983, 4209, 4302

InQira ID: NFX1536

Title: Receiving invalid compliance errors (100 - Mandatory Block Missing) when translating CII data

Description: The errors are issued when the maximum repeat of the group at hierarchy 0 in the map exceeds the actual number of occurrences of the group in the input data file. The compliance errors are received for each TFD in the a repeating group at hierarchy 0 in the map for an occurrence that is one more than the actual number of occurrences of that group received in the data file.

For example:

Repeating group in the map has a maximum repeat of 20.

The data file contains 7 occurrences of data for the repeating group.

For occurrence 8 of the repeating group compliance errors are issued for each mandatory TFD in the repeating group.

The errors are invalid because the input file does not contain an 8th occurrence of the repeating group.

Functional Area: Translator

Escalation ID: 1367349

Resolution: The translator was not properly handling the Control TFD FC.

This issue has been fixed in Gentran Integration Suite, Release 4.1.1 Build 1983.

This issue has been fixed in Gentran Integration Suite, Release 4.2 Build 4209.

Fix ID: 40170, 40169

Severity: Normal

Type: Normal Fix

Build: 1983, 4209

InQuira ID: NFX1619

Title: Translation output was truncated without an error when the file is larger than property storage.LargeFileThreshold

Description: Translation output was truncated/lost and no error or warning was thrown when the file is larger than property storage.LargeFileThreshold in translator.properties.

Functional Area: Translator

Escalation ID: 1367190

Resolution:

Multiply max_key_file_size by the depth of the storage group

Since more collisions occur the greater the depth of the storage group, this is a preferable solution than modifying the storage.maxKeyFileSize in translator.properties

Depth will never be 0 in this calculation as 0 is the root group and in the root group there will only be one instance of data which is managed outside of the DiskHashMap by the Object[] rootData in HashGroup

Apply release 4.2, build 4209

Apply release 4.3, build 4302

Fix ID: 40970-1367190

Severity: Normal

Type: Normal Fix

Build: 4209, 4302

User Interface

InQira ID: NFX1659

Title: Lock on business process is released even if “release lock on bp” is unchecked while checking in a business process

Description: When checking in a checked-out business process, the lock on the business process is released even if “release lock on bp” is not checked.

Functional Area: User Interface

Escalation ID: 1367015

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4209 or higher.

Fix ID: 40020

Severity: Normal

Type: Normal Fix

Build: 4209

InQira ID: NFX1625

Title: Fix in Gentran Integration Suite 4.2 to display an error in UI while importing system certificate having invalid certificate input format

Description: Gentran Integration Suite 4.2 does not complain while importing a certificate, having invalid certificate input format, obtained from certificate authority as a system certificate. Even though there are no errors while importing, certificate is not added in Gentran Integration Suite. If the same certificate is imported in Gentran Integration Suite 4.1.1, Build 1982, the UI displays the error that certificate import is failing because the certificate does not have valid certificate input format.

Provide a fix in Gentran Integration Suite 4.2 such that 4.2 should display an error in UI while importing system certificate having invalid certificate input format.

Functional Area: User Interface

Escalation ID: 1367522

Resolution: Please apply Gentran Integration Suite 4.2 Build 4209 or higher.

Fix ID: 40804

Severity: Normal

Type: Normal Fix

Build: 4209

User Interface – Manage Extended Rule Library

InQuira ID: NFX1601

Title: Extended Rules Library source manager screen shows negative and zero page links

Description: When using 6 or more version of the SWIFT extended rule (more than one page), if the user selects Deployment > Extended Rule Libraries, and then select either the Source or Version icons, they will see negative page links at the right-top and right-bottom of the HTML table

Functional Area: User Interface – Manage Extended Rule Library

Escalation ID: 1367050

Resolution:

For Gentran Integration Suite 4.2, apply Build 4209 or later to resolve.

For Gentran Integration Suite 4.3, apply Build 4302 or later to resolve.

Fix ID: 40359

Severity: Normal

Type: Normal Fix

Build: 4209, 4302

WinConvert Utility

InQuira ID: NFX1616

Title: Incorrect results with the winconvert utility

Description: Use winconvert utility to take a par file exported from Gentran and creates the required envelopes for Gentran Integration Suite

Run command as follows:

```
C:\SterlingCommerce42\SI\tp_import>winconvert -sysedicode 9313938000679  
-singleparfile c:\Myer\Partners\Myerpar9-2\RUBBERM9_M.par -output RubberM.xml  
-report Rubber.rpt
```

Problems encountered:

1. For Outbound UNB Envelopes the Receiver ID for the envelope is empty, even though the Gentran partner has this correctly identified.
2. For the outbound envelopes, typically the ISA, UNB, but sometimes also the GS, it creates multiple versions of the envelope. When these are imported into Gentran Integration Suite, the import just creates multiple versions.

When running the convert utility across the 2500 trading partners, it created some 80,000 envelopes (instead of around 30,000). This rapidly increased the data base size.

Functional Area: WinConvert Utility

Escalation ID: 1366626

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4209 or higher.

Fix ID: 39455

Severity: Normal

Type: Normal Fix

InQuira ID: NFX1650

Title: winconvert program crashed with large control numbers

Description: When using a control number over 10 characters errors occur.

```
Starting conversion .....Exception in thread "main"  
java.lang.NumberFormatException: For input string: "10000000004370"  
    at java.lang.NumberFormatException.forInputString(NumberFormatException.java:63)  
    at java.lang.Integer.parseInt(Integer.java:504)  
    at java.lang.Integer.parseInt(Integer.java:542)  
    at  
com.sterlingcommerce.woodstock.profile.ie.gentran.windows.XMLWriter.doInterchangeOutboundEn  
velopes(XMLWriter.java:1942)  
    at  
com.sterlingcommerce.woodstock.profile.ie.gentran.windows.XMLWriter.doUnhUntOutboundEnvel  
ope(XMLWriter.java:964)  
    at  
com.sterlingcommerce.woodstock.profile.ie.gentran.windows.XMLWriter.doTransactionLevelTags(  
XMLWriter.java:284)  
    at  
com.sterlingcommerce.woodstock.profile.ie.gentran.windows.XMLWriter.writeXML(XMLWriter.ja  
va:210)  
    at  
com.sterlingcommerce.woodstock.profile.ie.gentran.windows.WinConverter.load(WinConverter.java:  
241)  
    at  
com.sterlingcommerce.woodstock.profile.ie.gentran.windows.WinConverter.main(WinConverter.java  
:909)
```

Functional Area: WinConverter (Trading Partner Profiles)

Escalation ID: 1366727

Resolution: Gentran Integration Suite Release 4.2 -- apply patch 4209 or higher

Fix ID: 41059

Severity: Normal

Type: NormalFix

Build: 4209

Workflow Engine

InQira ID: NFX1459

Title: x12Deenvelope Service causing Out of Memory errors

Description: The problem is centered around the cloning of the compliance report in Process Data to all business processes being invoked by the Deenvelope Service. Removing the assign service does appear to correct this issue.

Functional Area: Workflow Engine

Escalation ID: 1367094

Resolution:

Please apply Gentran Integration Suite, Release 4.3 Build 4301 or higher.

Please apply Gentran Integration Suite, Release 4.1.1 Build 1983 or higher.

Please apply Gentran Integration Suite, Release 4.2 Build 4209 or higher.

Fix ID: 39727 (4301), 39728 (4209), 39729 (1983)

Severity: Normal

Type: Normal Fix

Build: 4301, 1983, 4209

InQira ID: NFX1595

Title: Deleting a Trading Partner Profile can leave Business Processes in Halted that cannot be terminated

Description: When a Trading Partner profile is deleted from the system, Gentran Integration Suite does not check if there are Business Processes in Halted status that are using the Workflow Definition. This results in business processes that cannot be Terminated.

There is already logic in the system to prevent any other Workflow Definition from being deleted if there are business processes in an incomplete status, but the Trading Partner profile deletion uses a different method of deleting the business process, so it did not trigger this logic.

Functional Area: Workflow Engine

Escalation ID: 1366688

Resolution: Apply Build 4209 for Gentran Integration Suite 4.2 to prevent this from occurring. If there are already business processes in the system that cannot be Terminated because of this error, please contact Support for assistance.

Fix ID: 39347

Severity: Normal

Type: Normal Fix

Build: 4209

Build 4208 Product Enhancements and Fixes

Build 4208 Product Enhancements

No additional product enhancements have been added to Gentran Integration Suite Release 4.2 Build 4208.

Build 4208 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4208 in the following areas:

- ◆ Adapters – CLA2
- ◆ Adapters – MEFG
- ◆ AFT – Onboarding
- ◆ AFT – Visibility
- ◆ AFT Partner User Interface
- ◆ AFTRoutePackageDocument Service
- ◆ Alert Service
- ◆ Archive Manager
- ◆ AUTACK
- ◆ BPLinkagePurge
- ◆ Connect:Direct Interop
- ◆ Correlation Search
- ◆ EDI
- ◆ Enabling Technologies
- ◆ FTP Server Adapter
- ◆ HttpClientAdapter, WebServices, Scheduler
- ◆ ImportMAPs.sh
- ◆ Index Business Process
- ◆ Logging

- ◆ Mailbox User Interface
- ◆ Mailboxing
- ◆ Map Editor
- ◆ Mapper
- ◆ Mapping
- ◆ SWIFTNet MEFG Server
- ◆ SWIFT Mapping
- ◆ Trading Partner Profiles
- ◆ Translator
- ◆ User Interface
- ◆ User Interface – Perimeter Servers
- ◆ Web Services
- ◆ Workflow Engine

Adapters – CLA2

InQira ID: NFX1162

Title: Command Line 2 Windows service is not being created during patch installation

Description: This affects Gentran Integration Suite installed on Windows operating system. Build 4204 introduced a Windows service for the Command Line 2 adapter, but this service is not being created during patch installation.

Business processes executing calls to CLA/CLA2 fail due to a dependency on this new service.

Functional Area: Adapters – Command Line

Escalation ID: QC

Resolution: CmdLine2 Windows Service is now being installed at patch installation.

Apply Gentran Integration Suite, Release 4.2 Build 4208 or later.

Fix ID: 39654

Severity: Critical

Type: Normal Fix

Build: 4208

Adapters – MEFG

InQira ID: NFX1390

Title: Segmentation fault occurs in SWIFTNet MEFG Server after serving a large number of requests

Description: SWIFTNet MEFG Server user will receive this message:

```
Segmentation fault in pth_locks_ppc_mp.global_lock_ppc_mp [/usr/lib/libpthreads.a] at
0xd006c44c
0xd006c44c (global_lock_ppc_mp+0x1c) 810b0010 lwz r8,0x10(r11)
```

Functional Area: Adapter MEFG

Escalation ID: 1366541

Resolution: Issue caused by a combination of long paths being created and coupled with memory leak causes the SWIFTNet MEFG Server to core dump.

Please apply Gentran Integration Suite, Release 4.2 Build 4208 or higher for Solaris and AIX only. Windows fix will be available in the future patch.

Fix ID: 39177

Severity: Normal

Type: Normal Fix

Build: 4208

AFT – Onboarding

InQira ID: NFX1360

Title: AFT module becomes unresponsive when removing a custom protocol for a community (UDB DB2)

Description: AFT module becomes unresponsive when removing a custom protocol for a community. Gentran Integration Suite needs to be restarted.

Following error is observed in mgmtdash.log:

```
[2007-06-30 11:47:37.738] WARN [SQLExceptionHandler] ----> SQL Exception: -206 DB2
SQL error: SQLCODE: -206, SQLSTATE: 42703, SQLERRMC: CUSTOM
[2007-06-30 11:47:37.739] DEBUG [GISConnection] Releasing GIS Managed Connection
[2007-06-30 11:47:37.739] ERROR 000000000000 GLOBAL_SCOPE [DMICommunityForm]
NeoException caught while checking if isProtocolExist() :
com.sterlingcommerce.neo.NeoDatabaseException: executeQuery
    at
com.sterlingcommerce.neo.db.SQLExceptionHandler.translate(SQLExceptionHandler.java:65)
    at com.sterlingcommerce.neo.db.DBAccess.executeQuery(DBAccess.java:159)
    at
com.sterlingcommerce.neo.db.CommTransportDataAccess.isCustomProtocolUsed(CommTransportDataAccess.java:1211)
    at
com.sterlingcommerce.neo.db.DataAccessManager.isCustomProtocolUsed(DataAccessManager.java:1625)
    at
com.sterlingcommerce.woodstock.uix.dmi.forms.DMICommunityForm.isProtocolExist(DMICommunityForm.java:664)
    at
com.sterlingcommerce.woodstock.uix.dmi.forms.DMICommunityForm.validateProtocolEdit(DMICommunityForm.java:155)
```

at
com.sterlingcommerce.woodstock.uix.dmi.actions.DMICommunityProtocolDetail.processPro
tocol(DMICommunityProtocolDetail.java:188)

Functional Area: AFT – Onboarding

Escalation ID: 1366294

Resolution: Apply Gentran Integration Suite Release 4.2 patch 4208 or later.

Fix ID: 38266

Severity: Normal

Type: Normal Fix

Build: 4208

AFT – Visibility

InQuira ID: NFX1363

Title: Options settings in AFTExtensionsCustomer.xml file not taking effect

Description: The OPTION tags in the AFTExtensionsCustomer.xml file are ignored and when GUI references the tags in AFTExtensionsCustomer.xml file, the following error is displayed:

```
[ServletException in:/WEB-INF/content/tradingPartner/custom.jsp] No collection found'
```

Functional Area: AFT Visibility

Escalation ID: 1366557

Resolution: Please apply Gentran Integration Suite 4.2, Build 4208.

Fix ID: 38516

Severity: Normal

Type: Normal Fix

Build: 4208

AFT Partner User Interface

InQuira ID: NFX1362

Title: Addition of Active/Passive FTP radio button in Advanced File Transfer Partner User Interface.

Description: Unable to specify active/passive FTP Connections for AFT Profile/AFTRoute FTP Put Request addition of Active/Passive FTP radio button in Advanced File Transfer Partner User Interface.

Functional Area: Advanced File Transfer Partner User Interface

Escalation ID: 1366846

Resolution: Addition of Active/Passive FTP radio button in Advanced File Transfer Partner User Interface will be included/available in patch 4208.

Fix ID: 39159

Severity: Normal

Type: New Functionality

Build: 4208

AFTRoutePackageDocument Service

InQira ID: NFX1392

Title: The document name which is produced by AFTRoutePackageDocument is being appended with .asc

Description: When using the AFTRoutePackageDocument Service, the name of the document is being appended with an .asc extension prior to encryption. For example, filename TimestampTest_21652_2272007 is changed to TimestampTest_21652_2272007.asc and the output of the PGP Package Service is TimestampTest_21652_2272007.asc.asc

Functional Area: AFTRoutePackageDocument Service

Escalation ID: 1366604.00000

Resolution: Apply Gentran Integration Suite 4.2 Build 4208 or later to resolve this issue

Fix ID: 38757

Severity: Normal

Type: Normal Fix

Build: 4208

Alert Service

InQira ID: NFX1361

Title: Alert Service fails with Out of Memory (OutOfMemoryException)

Description: The Alert Service fails with OOM due to the fact that it has to load status reports for every step of all failed business processes. In most cases, Gentran Integration Suite still keeps working normally, except the Alert Notification goes into a loop and keeps on sending old notifications.

Functional Area: Alert Service

Escalation ID: 1366079

Resolution: The fix has been done such that the status report loading and sending can be configured via the properties file. The user can switch on the attaching of status report to the alert notifications, but they should understand the potential danger of getting an Out of Memory.

Apply Patch 4208 for Gentran Integration Suite 4.2.

Fix ID: 38240

Severity: Normal

Type: Core Change

Build: 4208

Archive Manager

InQira ID: NFX1397

Title: Fix Archive Manager to update removal methods correctly

Description: When updating the removal_method through the Archive Manager, it would not always change the removal method on all the business processes selected.

There was also an issue with selecting the business processes to begin with. There was a limit to the number of processes, which meant that the new removal_method could not be applied to business processes that were toward the end of the list alphabetically.

Functional Area: Archive Manager

Escalation ID: 1367038

Resolution: This fixes the update of removal_method so that all processes selected will be checked. If they do not have the correct removal_method, a new version of the process will be created with the new removal_method.

The list is now expanded to show all business processes in the system and allows all to be selected.

The performance of the update was also enhanced to update the processes much more quickly than had been the case.

Fix ID: 39161, 39162, 39163

Severity: Normal

Type: Normal Fix

Build: 4208, 1982

AUTACK

InQira ID: NFX1401

Title: Handling of Inbound EDIFACT Security Error has changed – loss of status report and message rejection notes in generated

Description:

1. There is no longer a Translator report containing a error messages to explain the error.
2. The outbound CONTRL message generated no longer references the rejection of the three messages inside the interchange. (So the sender of the data will be told only that the Interchange was accepted.)

3. No transaction level correlations are written for the three messages inside the interchange.

Functional Area: AUTACK

Escalation ID: QC

Resolution: Apply Gentran Integration Suite Release 4.2 Build 4208 or later to resolve the issue.

Fix ID: 39338

Severity: Normal

Type: Normal Fix

Build: 4208

BPLinkagePurge

InQira ID: NFX1393

Title: BPLinkagePurge service runs for hours and will not complete successfully

Description: Customer reported that the BPLinkagePurge process was running for hours and hours, and would eventually fail with an error. It appeared that the process was also using more of the database transaction logs than would be expected.

Functional Area: BPLinkagePurge

Escalation ID: 1366718

Resolution:

Apply Gentran Integration Suite 4.2 Build 4208 or later to resolve this issue

Apply Gentran Integration Suite 4.1.1 Build 1983 or later to resolve this issue

Fix ID: 38283

Severity: Normal

Type: Normal Fix

Build: 4208, 1983

Connect:Direct Interop

InQira ID: ENH173

Title: Add Connect:Direct Server Adapter change (to not require client-authentication during the SSL/TLS handshake) to Japanese version of user interface properties

Description: The Connect:Direct Server Adapter required client-authentication during the SSL/TLS handshake. The enhancement to make this optional and bring the adapter in line with the RFC was added in Gentran Integration Suite, Release 4.2 Build 4207. This fix adds that enhancement to the Japanese version of the UI properties.

Escalation ID: 1361937

Status: Completed

Request Resolution: The Japanese user interface for the Connect:Direct Server Adapter has been enhanced to not require client-authentication during the SSL/TLS handshake.

This functionality is in Gentran Integration Suite, Release 4.2 Build 4208.

Fix ID: 38626

InQuira ID: NFX1420

Title: Connect: Direct Server Adapter file attributes in ProcessData

Description: Gentran Integration Suite CD Server Adapter should store inbound Z/OS DCB file attributes in ProcessData using the names defined in the COPYTO service parameters rather than the terms used in Z/OS.

For example:

Use "recordlength" rather than "lrecl" as the element tag name in ProcessData.

Use "recordformat" rather than "recfm" as the element tag name in ProcessData.

Use "blocksize" rather than "blksize" as the element tag name in ProcessData.

Use "datasetorganization" rather than "dsorg" as the element tag name in ProcessData.

Functional Area: Connect Direct Interop

Escalation ID: 1367071

Resolution: Apply Gentran Integration Suite 4.2 Build 4208 to resolve the issue.

Fix ID: 39246

Severity: Normal

Type: Normal Fix

Build: 4208

Correlation Search

InQuira ID: NFX1402

Title: EDI_Correlation search does not return information at the group/transaction level

Description: Failure when searching on a time frame that returns a limited number of interchanges and attempting to drill down to the Group level information (only 1 group) on a database with approximately 28,000,000 rows in correlation.

Functional Area: Correlation Search

Escalation ID: QC

Resolution: Apply Gentran Integration Suite Release 4.2 Build 4208 or later to resolve the issue.

Fix ID: 39407

Severity: Normal

Type: Normal Fix

Build: 4208

EDI

InQuira ID: NFX1324

Title: EDIEnvelope unable to load document when running in deferred mode

Description: EDIEnvelope is failing in deferred mode.

```
wf.log:[EDIEnvelope] unable to load document, skipping
edisvr:7736bd:10ab867b33a:3716Updated RequiresEnvelope to -100 for CORRELATION_ID =
GISSTAGEAPP2:a1807c:1132c723484:-425f whose document (OBJECT_ID =
GISSTAGEAPP2:a1807c:1132c723484:-4e3f) does not exist
```

Gentran Integration Suite is trying to envelope documents that have not been persisted in the database yet. The database entries to indicate a document is available for deferred enveloping are written prior to the actual insertion of the database entry for the document itself.

Functional Area: EDI

Escalation ID: 1365895

Resolution: The code has been changed to force the persistence of the document when requires enveloping is set to true which is the setting for deferred enveloping.

Please apply Build 4208 or higher for Gentran Integration Suite, Release 4.2, or Build 1982 or higher for Gentran Integration Suite, Release 4.1.1.

Fix ID: 38246, 38247

Severity: Normal

Type: Normal Fix

Build: 1982, 4208

Enabling Technologies

InQuira ID: NFX1405

Title: When running enccfg.sh to encrypt the database passwords, the YANTRA_DB_PASS value is not encrypted in sandbox.cfg

Description: When running enccfg.sh to encrypt the database passwords, the YANTRA_DB_PASS value is not encrypted in the sandbox.cfg file. This password is the same as for all the other database passwords.

Functional Area: Enabling Technologies

Escalation ID: 1366743

Resolution: Apply Gentran Integration Suite Release 4.2 Build 4208 or later to resolve the issue.

Fix ID: 38909

Severity: Normal

Type: Normal Fix

Build: 4208

FTP Server Adapter

InQuira ID: NFX1355

Title: Cannot set multiple Data Port Ranges for the FTP Server Adapter.

Description: Receiving the following error when trying to enter multiple Data Port Ranges for the FTP Server Adapter:

Active Data Port Range is invalid. Please try again.

The Gentran Integration Suite documentation for the FTP Server Adapter does indicate the double ranges can be specified and separated by commas for the Active and Passive Data Port Range.

<http://www.sterlingcommerce.com/Documentation/GIS42/Content/SAAE/FTP%20Server%20Adapter.html>

Note: You can enter double ranges separated by commas, as shown in this example:
10500-10599,10700-10799

If left blank, the server will choose available system ports.

Functional Area: FTP Server Adapter

Escalation ID: 1366732

Resolution: This issue has been corrected in Gentran Integration Suite, Release 4.2 Build 4208 and higher.

Fix ID: 39164

Severity: Normal

Type: Normal Fix

Build: 4208

HttpClientAdapter, WebServices, Scheduler

InQuira ID: NFX1391

Title: Scheduler stops after an Out of Memory error – cannot create new native thread

Description: Problem occurs when using web services dynamic services. By default, a pool of 10 threads is created for the HttpClientAdapter for each call.

errors in noapp.log:


```
[2007-09-05 16:01:07.32] ALL 000000000000 GLOBAL_SCOPE java.lang.OutOfMemoryError:
unable to create new native thread
[2007-09-05 16:01:07.32] ALL 000000000000 GLOBAL_SCOPE
  at java.lang.Thread.start(Native Method)
[2007-09-05 16:01:07.32] ALL 000000000000 GLOBAL_SCOPE
  at
com.sterlingcommerce.perimeter.api.scheduler.DebugPooledExecutor.addThread(DebugPool
edExecutor.java:527)
```

Functional Area: HttpClientAdapter,WebServices, Scheduler

Escalation ID: 1366892

Resolution:

Workaround: Minimize the number of threads being created. There is a property in httpclient.properties.numOfmaxThread that is set to 10 by default. Set it to only 2 threads.

Please apply Gentrans Integration Suite, Release 4.2 Build 4208 or higher for the fix.

Fix ID: 39062

Severity: Critical

Type: Normal Fix

Build: 4208

ImportMAPs.sh

InQuira ID: NFX1395

Title: ImportMAPs.sh script not setting the imported map version as default.

Description: When using importMAPs.sh to import a new version of an existing map the source manager shows the new map version as default but the version manager still displays the old map version as default.

Functional Area: ImportMAPs.sh

Escalation ID: 1366627.00000

Resolution: Apply Gentrans Integration Suite 4.2 Build 4208 or later to resolve this issue

Fix ID: 38197

Severity: Normal

Type: Normal Fix

Build: 4208

Index Business Process

InQuira ID: NFX1173

Title: IndexBusinessProcess throwing DB2 error in wf.logs after patch 1980

Description: The following error is observed in wf.logs:

```
[2007-07-01 18:03:14.552] ERROR 000110010216 WORKFLOW.WORKFLOW.ERR_getMovableIds1
com.sterlingcommerce.woodstock.workflow.WorkFlowMonitor .getMovableIds() caught
SQLException.
[2007-07-01 18:03:14.552] ERROR SQL Error Code: -401
[2007-07-01 18:03:14.552] ERROR SQL State: 42818
com.ibm.db2.jcc.a.SqlException: DB2 SQL error: SQLCODE: -401, SQLSTATE: 42818,
SQLERRMC: =
  at com.ibm.db2.jcc.a.hd.e(hd.java(Compiled Code))
  at com.ibm.db2.jcc.a.hd.a(hd.java(Compiled Code))
  at com.ibm.db2.jcc.c.jb.h(jb.java(Compiled Code))
  at com.ibm.db2.jcc.c.jb.a(jb.java(Compiled Code))
  at com.ibm.db2.jcc.c.w.a(w.java(Inlined Compiled Code))
  at com.ibm.db2.jcc.c.cc.g(cc.java(Compiled Code))
  at com.ibm.db2.jcc.a.hd.n(hd.java(Inlined Compiled Code))
  at com.ibm.db2.jcc.a.id.gb(id.java(Compiled Code))
  at com.ibm.db2.jcc.a.id.d(id.java(Compiled Code))
  at com.ibm.db2.jcc.a.id.X(id.java(Compiled Code))
  at com.ibm.db2.jcc.a.id.executeQuery(id.java(Compiled Code))
  at
com.sterlingcommerce.woodstock.util.frame.jdbc.JDBCService.executeQuery(JDBCService.
java:3054)
  at
com.sterlingcommerce.woodstock.workflow.WorkFlowMonitor.getMovableIds(WorkFlowMonito
r.java:1447)
  at
com.sterlingcommerce.woodstock.services.bpmovingservice.BPMovingService.processBps(B
PMovingService.java:290)
```

Functional Area: IndexBusinessProcess

Escalation ID: 1366312

Resolution:

Apply Gentran Integration Suite 4.1.1 Build 1982 or later to resolve the issue.

Apply Gentran Integration Suite 4.2 Build 4208 or later to resolve the issue.

If applying the patch is not possible, then the following may be done:

There is an error in a query in the jdbcworkflow.properties file that causes the error. This query is:

```
query.wfm_getMovableIds_s3=SELECT DISTINCT WF_ID FROM ARCHIVE_INFO AI,
WORKFLOW_CONTEXT WC WHERE AI.WF_ID = WC.WORKFLOW_ID AND AI.GROUP_ID = 1 AND
AI.ARCHIVE_FLAG = -5 AND (AI.ARCHIVE_DATE = NULL OR AI.ARCHIVE_DATE <= ?) AND
(NEXT_AI_ID=? OR BASIC_STATUS=?)
```

This query should be modified to the following:

```
query.wfm_getMovableIds_s3=SELECT DISTINCT WF_ID FROM ARCHIVE_INFO AI,
WORKFLOW_CONTEXT WC WHERE AI.WF_ID = WC.WORKFLOW_ID AND AI.GROUP_ID = 1 AND
AI.ARCHIVE_FLAG = -5 AND (AI.ARCHIVE_DATE is NULL OR AI.ARCHIVE_DATE <= ?) AND
(NEXT_AI_ID=? OR BASIC_STATUS=?)
```

Then run the setupfiles.sh (Unix) or setupfiles.cmd (Windows) command to move the change to the proper property files.

Fix ID: 38175, 38176

Severity: Normal
 Type: Normal Fix
 Build: 1982, 4208

Logging

InQira ID: NFX1368

Title: Servlet filtering code is filling up the logs: GLOBAL_SCOPE Fix5CFilter.doFilter() -- Entered

Description: Receiving an error message in their Noapp log that won't stop reporting. Error:

```
ALL 000000000000 GLOBAL_SCOPE Fix5CFilter.doFilter() -- Entered
```

Functional Area: Logging

Escalation ID: 1366789

Resolution:

Apply Gentran Integration Suite Release 4.2 Build 4208 or later to resolve the issue.

Fix ID: 38491

Severity: Normal

Type: Normal Fix

Build: 4208

Mailbox User Interface

InQira ID: NFX1364

Title: Mailbox User Interface "hangs" when uploading files with '#' characters in the file name

Description: Error message in Gentran Integration Suite noapp.log

```
ALL 000000000000 GLOBAL_SCOPE
com.sterlingcommerce.woodstock.workflow.WorkFlowException: BusinessProcessResolver
Exception - Workflow [MBIAdd] did NOT complete before request timed out.
ALL 000000000000 GLOBAL_SCOPEALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.webx.xforms.plug.si.BusinessProcessResolver.initiateW
orkFlow(BusinessProcessResolver.java:712)
ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.webx.xforms.plug.si.BusinessProcessResolver.initiateW
orkFlow(BusinessProcessResolver.java:596)
ALL 000000000000 GLOBAL_SCOPE at
com.sterlingcommerce.woodstock.webx.xforms.plug.si.BusinessProcessResolver.resolveGe
tDocument(BusinessProcessResolver.java:544)
```

Functional Area: Mailbox User Interface

Escalation ID: 1366774

Resolution: Issue resolved in Gentran Integration Suite 4.2, Build 4208

Fix ID: 38692

Severity: Normal

Type: Normal Fix

Build: 4208

Mailboxing

InQuira ID: NFX1322

Note: This fix is not available in Build 4208. It will be included in Gentran Integration Suite Release 4.2, Build 4209.

Title: Schedule_MailboxEvaluateAllAutomaticRules not releasing locks when errors encountered.

Description: Schedule_MailboxEvaluateAllAutomaticRules lock has no timeout. When this business process fails, the lock is never released. This essentially causes a production down as no files are transferred through AFT until someone realizes it and manually releases the lock.

Functional Area: Mailboxing

Escalation ID: 1366699

Resolution: Change the business process to more closely simulate the schedule_index and other internal business processes.

Changed business process to look more like the Schedule Index process and added the email of the alert as well.

Please apply Build 1982 or higher for Gentran Integration Suite, Release 4.1.1

Please apply Build 4208 or higher for Gentran Integration Suite, Release 4.2

Fix ID: 38234, 38235

Severity: Normal

Type: Normal Fix

Build: 1982, 4208

InQuira ID: NFX1335

Title: Changing case of mailbox message causes message to disappear (when disallowduplicatemsg flag is set to true)

Description: Changing case of mailbox message is causing message to disappear (when disallowduplicatemsg flag is set to true)

Functional Area: Mailboxing

Escalation ID: 1366168

Resolution:

Apply Gentran Integration Suite, Release 4.2 Build 4208 and higher.

Apply Gentran Integration Suite, Release 4.1.1 Build 1982 and higher.

Fix ID: 38518, 35817

Severity: Normal

Type: Normal Fix

Build: 1982, 4208

Map Editor

InQira ID: NFX1372

Title: Gentran Integration Suite 4.2 Build 4207 Map Editor crashes when compiling XML Maps

Description: The 4207 Map Editor crashes when compiling XML Maps if a PCDATA object exist in the map.

Functional Area: Map Editor

Escalation ID: 1366982

Resolution: This issue has been resolved in Gentran Integration Suite, Release 4.2 Build 4208. A new Map Editor must be downloaded and installed once the patch has been applied.

Fix ID: 39173

Severity: Normal

Type: Normal Fix

Build: 4208

Mapper

InQira ID: NFX1304

Title: When trying to compile a rules library extended rule, getting error.

Description: When trying to compile a rules library extended rule, getting the following:

ERROR 6010

Description: A rule that contains a Select statement will not compile in a extended rules library.

Receiving:

ERROR 6010,Line 1 Operation not possible in this type: of map

Functional Area: Mapper

Escalation ID: 1366985

Resolution: This issue is resolved in Gentran Integration Suite, Release 4.2 4208, which can be downloaded from Support on Demand. After applying this patch, reinstall the mapper.

Fix ID: 39253

Severity: Normal

Type: Normal Fix

Build: 4208

Mapping

InQuira ID: NFX1306

Title: ReceivingElement content is invalid according to the DTD/Schema. Expecting: {http://www.stercomm.com/SI/Map}BlockSig.

Description: Element content is invalid according to the DTD/Schema.

Expecting: {http://www.stercomm.com/SI/Map}BlockSig.

Cannot open an .MXL map file

A Key Field exists on a repeating record and the map editor does not generate the KeyFields element in the proper sequence in the .MXL file.

Functional Area: Mapping

Escalation ID: 1364872

Resolution: This issue is resolved in Gentran Integration Suite 4.1.1 Build 1982, and Gentran Integration Suite 4.2 Build 4208, which can be downloaded from Support on Demand. After applying this patch reinstall the mapper

Fix ID: 38064, 38065

Severity: Normal

Type: Normal Fix

Build: 1982, 4208

InQuira ID: NFX1375

Title: Translation business process invoked by CIIDenvelope fails

Description: Translation business process invoked by CIIDenvelope fails if the inbound envelopes are set to Batch the transactions.

If the inbound CII envelope is set to NOT batch the transactions, the proper amount of the translation business process is spawned and each business process is successful.

If the inbound CII envelope is set to batch and has compliance check and translate transaction set to yes, translation is successful.

Functional Area: Mapping

Escalation ID: 1366602

Resolution: This issue is resolved in Gentran Integration Suite, Release 4.2 Build 4208, which can be downloaded from Support on Demand. After applying this patch, reinstall the mapper,

Fix ID: 38982

Severity: Normal

Type: New Functionality

Build: 4208

InQira ID: NFX1376

Title: SQL map takes a long time to compile

Description: SQL map takes a long time to compile.

Functional Area: Mapping

Escalation ID: 1366522

Resolution: This issue is resolved in Gentran Integration Suite, Release 4.2 Build 4208 which can be downloaded from Support on Demand. After applying this patch, reinstall the mapper.

Fix ID: 38576

Severity: Normal

Type: New Functionality

Build: 4208

SWIFTNet MEFG Server

InQira ID: NFX1394

Title: SWIFTNet MEFG Server strips the APPHDR tag from the payload prior to passing back to Gentran Integration Suite.

Description: Change required to SwiftNet MEFG Server to pass the <AppHdr> tag back to the application. Currently, SwiftNet MEFG Server strips the <AppHdr> tag and only passes <Document> tag back to the application.

Functional Area: MEFG Adapter

Escalation ID: 1366490

Resolution: Fixed by passing the whole <SwInt:RequestPayload> tag back to the Gentran Integration Suite. Customers will then use a business process to filter the information they require.

Please apply Gentran Integration Suite, Release 4.2 Build 4208.

Fix ID: 39179

Severity: Normal

Type: Normal Fix

Build: 4208

InQuira ID: NFX1396

Title: Sending Multiple Messages causes duplicate and/or invalid context error

Description: Sending Multiple Messages causes duplicate and invalid context error, resulting in the messages not being processed successfully.

Functional Area: MEFG SwiftNet Server Adapter

Escalation ID: 1366243

Resolution: The fix is to check if a security context has already been opened before attempting to open again. Please apply Gentran Integration Suite, Release 4.2 Build 4208 or higher.

Fix ID: 39176

Severity: Normal

Type: Normal Fix

Build: 4208

InQuira ID: NFX1421

Title: Validation on Request Type header in SWIFTNet Client Service is too strict

Description: Swiftnet Client Service is trying to perform validation on Request Type header in the message. However, our checking is too strict.

The valid Request Type can be:

xxxx.xxx or

xxxx.xxx.<description>

But our current validation only accepts:

xxxx.xxx.<description>

Therefore, the message with *xxxx.xxx* request type can't pass through our validation even though it's a valid format.

Functional Area: SWIFT Interact Adapter

Escalation ID: QC

Resolution: Removed the validation on Request Type on the Swiftnet Client Service and its service configuration UI. The validation will be done by SWIFT itself.

Apply Gentran Integration Suite 4.2 build 4208 to resolve the issue.

Fix ID: 39482

Severity: Normal

Type: Normal Fix

Build: 4208

InQuira ID: NFX1423

Title: Active-active SWIFTNet MEFG Server failover

Description: SWIFTNet MEFG Server Active-active configuration handles failover by automatically redirecting any new incoming requests to the active SAG (Swift Alliance Gateway) when one of its two SAGs in the configuration goes down. However, this is not working as expected.

This is due to SWIFTNet MEFG Server binding with the SWIFT RA (Remote Host Adapter) API in the application. This API has limitation in that it cannot allow our application to switch to the new SAG without a restart.

Functional Area: SWIFT Interact Adapter

Escalation ID: QC

Resolution: Implemented automatic restart whenever SWIFTNet MEFG Server detects that an active SAG has gone down. Apply Gentran Integration Suite 4.2 Build 4208 to resolve the issue.

Fix ID: 39175

Severity: Normal

Type: Normal Fix

Build: 4208

SWIFT Mapping**InQuira ID: NFX1399**

Title: Map editor issue regarding the generation of SWIFT maps

Description: The structure of this map and others (e.g. MT542) is wrong because of a change SWIFT made to some of the 2007 maps that we have not seen in prior versions of SWIFT.

In some of the SWIFT 2007 maps there can be a repeating choice within the same position and order where some elements of the choice can repeat and others cannot. The map editor cannot represent choices in this manner; all elements must have the same maxUsage. In order to enforce the rule where some elements cannot repeat, an extended rule is already being employed. However, the structure of the map is still being generated incorrectly and this is causing the end group tag in the wizard XML file to be missing if the last element of the choice does not have a maxUsage greater than one.

Functional Area: SWIFT Mapping

Escalation ID: QC

Resolution:

Apply Gentran Integration Suite Release 4.2 Build 4208 or later to resolve the issue.

Fix ID: 39099

Severity: Normal

Type: Normal Fix

Build: 4208

InQuira ID: NFX1400

Title: MT546 missing part of Repeating Choice Rule

Description: MT540, MT542, MT544, and MT546 have an extended rule to handle checking the repeat counts of field tags that are not allowed to repeat although they are part of a choice where other field tags can repeat. MT546 is missing the extended rule on the Qualifier field for field tag 95P_INVE in sequence F. The following rule needs to be added:

exists_F_95a_INVE = 1;

Without this check, it is possible for the 95P_INVE tag to exist and the 95P, 95Q, or 95R (other qualifiers) to exist without throwing an error.

Functional Area: SWIFT Mapping

Escalation ID: QC

Resolution: Apply Gentran Integration Suite Release 4.2 Build 4208 or later to resolve the issue.

Fix ID: 39140

Severity: Normal

Type: Normal Fix

Build: 4208

InQuira ID: NFX1425

Title: SWIFTNet Address, Currency, and Countries setup

Description: Gentran Integration Suite ships with three maps that allows for successful import and setup of Address, Currency, and Countries. SWIFT recently updated their standards, causing the import to fail.

Functional Area: SWIFT Mapping

Escalation ID: QC

Resolution: Each of the three shipped maps was updated to handle the recent SWIFT standards update. Apply Gentran Integration Suite Release 4.2 Build 4208 or higher to resolve the issue.

Fix ID: 39794

Severity: Normal

Type: Normal Fix

Build: 4208

Trading Partner Profiles

InQuira ID: NFX1378

Title: Code List sorts via sender code even when receiver code is selected

Description: Code list sorting is always by Sender Code, even when the Receiver Code is selected.

Functional Area: Trading Partner Profiles

Escalation ID: 1366948

Resolution: This issue has been corrected in Build 4208. Please apply Build 4208 (or later) to resolve this issue.

Fix ID: 38969

Severity: Normal

Type: Normal Fix

Build: 4208

Translator

InQira ID: NFX1319

Title: Receiving warning Code 310 Invalid Loop Start/End Structure when processing CII Data

Description: Warning code 310 Invalid Loop Start/End messages are issued to the translator report when processing inbound CII Data.

The CII Input structure in the map contains single occurring groups that have the 'Promote records to parent' option checked.

Functional Area: Translator

Escalation ID: 1365786

Resolution: This issue has been resolved in Gentran Integration Suite Release 4.2 Build 4208 and higher.

Fix ID: 38554

Severity: Normal

Type: Normal Fix

Build: 4208

InQira ID: NFX1354

Title: Translator incorrectly processes multiple occurrences of data for a multi detail loop in CII Data

Description: For example, the input file contains two occurrences of data for a loop separated by a Loop Return tag (FB). The data for occurrence one of the loop is for a different TFD than the data in occurrence two of the loop.

The translator is processing the separate occurrences of data as a single occurrence of data causing the output to be incorrect.

Functional Area: Translator

Escalation ID: 1366367

Resolution: This has been resolved in Gentran Integration Suite, Release 4.2 Build and higher

Fix ID: 39167

Severity: Normal

Type: Normal Fix

Build: 4208

InQuira ID: NFX1356

Title: The week number output of the date() and strdate() date conversion functions is incorrect

Description: Fixed the extended rule functions date() and strdate() calculate the week numbers with the %U and %W format specifiers.

To make week numbers ISO compliant, it is necessary to set the minimum number of days in the first week to 4 (January 4th has to be included in the first week according to the ISO standard) and to remove the logic that numbers the last week of the year to be one plus the second to last week.

Functional Area: Translator

Escalation ID: 1366227

Resolution:

1. Install the latest patch (1983, 4208).
2. Uninstall the current version of the mapper.
3. Go to Deployment > Maps and download the new version of the mapper.
4. Install the new version of the mapper.
5. Recompile the map.
6. Check the recompiled map into Gentran Integration Suite (Deployment > Maps).

Note: We have always used zero-based week numbers. Therefore it is necessary to use extended rules to make week number 1-based if that is required.

Fix ID: 39095, 39096

Severity: Normal

Type: Normal Fix

Build: 1983, 4208

InQuira ID: NFX1388

Title: Failing to produce expected error during translation

Description: An automated regression test for Packed Decimal field processing is failing to produce an expected translator error. (Error expected is Code: 123 Data Conversion Error.) In this test scenario, we pass in an input value that exceeds the max length for the corresponding output packed decimal field. Instead of generating an error, the translation is succeeding, quietly truncating the high order digit of the input value, and creating an output file.

The value of the input XML element, Quantity = 125000 (length of 6 characters)

The max length of the output packed decimal field, ItemBasics/Quantity = 5.

Expected statuses for Translation Service steps: Status = Error, Advanced Status = None

Actual statuses for Translation Service steps: Status = Success, Advanced Status = None

Functional Area: Translator

Escalation ID: QC

Resolution: Apply Gentran Integration Suite Release 4.2 Build 4208 or later to resolve the issue.

Fix ID: 32259

Severity: Normal

Type: Normal Fix

Build: 4208

InQuira ID: NFX1406

Title: Mapping to packed decimal fields - translation errors "data too long" when input data is not too long.

Description: Translation errors "data too long" when input data is not too long on an output packed numeric field. The translator creates the packed field with a sign regardless of the setting in the 'datatype.PackedDecimal' translator property

Functional Area: Translator

Escalation ID: 1366486

Resolution: Apply Gentran Integration Suite, Release 4.2 Build 4208 or higher.

Fix ID: 38613

Severity: Normal

Type: Normal Fix

Build: 4208

InQuira ID: NFX1411

Title: Statement leak in SQLBlockHandler - ERROR SQL Error Code: -99999

Description: This error message displays:

```
[2007-08-22 17:45:16.503] ERROR 000610130014
TRANSLATION.TRANSLATION_UTIL.ERR_SQLWriter_exception7 TRANSLATOR: SQL Exception
while performing operation for IC322REF:2
[2007-08-22 17:45:16.503] ERROR SQL Error Code: -99999
[2007-08-22 17:45:16.503] ERROR SQL State: HY014
java.sql.SQLException: Limit on number of statements exceeded.
at com.ibm.as400.access.JDError.throwSQLException(JDError.java:389)
at
com.ibm.as400.access.AS400JDBCCConnection.getUnusedId(AS400JDBCCConnection.java:1278)
at
com.ibm.as400.access.AS400JDBCCConnection.prepareStatement(AS400JDBCCConnection.java:1
902)
```

```
at
com.ibm.as400.access.AS400JDBCConnection.prepareStatement(AS400JDBCConnection.java:1
726)
at
com.sterlingcommerce.woodstock.translator.util.SQLWriter.getPreparedStatementForSQLS
tring(SQLWriter.java:759)
at
com.sterlingcommerce.woodstock.translator.util.SQLWriter.executeSQL(SQLWriter.java:5
42)
at
com.sterlingcommerce.woodstock.translator.fieldprocessor.SQLOutputFieldHandler.proce
ssFieldValues(SQLOutputFieldHandler.java:217)
at
com.sterlingcommerce.woodstock.translator.fieldprocessor.SimpleFieldProcessor.proces
sFieldValues(SimpleFieldProcessor.java:352)
at
com.sterlingcommerce.woodstock.translator.blockprocessor.BlockHandler.handleBlock(Bl
ockHandler.java:103)
at
com.sterlingcommerce.woodstock.translator.blockprocessor.SQLBlockHandler.handleBlock
(SQLBlockHandler.java:422)
at
com.sterlingcommerce.woodstock.translator.blockprocessor.OutputSimpleBlockProcessor.
matchBlock(OutputSimpleBlockProcessor.java:122)
at
com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.processBlock(
BlockSequence.java:818)
at
com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.searchBlock(B
lockSequence.java:644)
at
com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.searchGroup(B
lockSequence.java:512)
at
com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.searchForward
(BlockSequence.java:304)
at
com.sterlingcommerce.woodstock.translator.blockprocessor.BlockSequence.processFileFo
rmat(BlockSequence.java:278)
at
com.sterlingcommerce.woodstock.translator.engine.TranslationEngineImpl.translateOutp
ut(TranslationEngineImpl.java:1355)
at
com.sterlingcommerce.woodstock.translator.engine.TranslationEngineImpl.doTranslation
(TranslationEngineImpl.java:1446)
at
com.sterlingcommerce.woodstock.translator.engine.TranslationEngineImpl.translate(Tra
nslationEngineImpl.java:1008)
at
com.sterlingcommerce.woodstock.translator.engine.TranslationEngine.translate(Transla
tionEngine.java:192)
at
com.sterlingcommerce.woodstock.services.translation.TranslationServiceImpl.processDa
ta(TranslationServiceImpl.java:587)
```

```
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1577)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:569)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:347)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:277)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:192)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:157)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:143)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:332)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:519)
at java.lang.Thread.run(Thread.java:534)
```

Functional Area: Translator

Escalation ID: 1366423, 1365199

Resolution: Found via debug code from IBM that the cursor (aka statements) was created and the cursor numbers kept changing. Need to ensure that the statement is closed and not rely on garbage collection of the jvm.

Apply Gentran Integration Suite Release 4.1.1 Build 1982 or later to resolve the issue.

Apply Gentran Integration Suite Release 4.2 Build 4208 or later to resolve the issue.

Fix ID: 37878, 37879

Severity: Normal

Type: Normal Fix

Build: 1982, 4208

User Interface

InQira ID: NFX1239

Title: Expired passwords force dashboard user to change password in /ws changepassword screen, and redirects to /ws

Description: In Gentran Integration Suite 4.2, the password change redirects from Dashboard user interface (UI) to Admin user interface. When a Dashboard user is required to change their password at login (due to expiry), they are redirected to the password change screen of the Admin UI. Once the new password is submitted, the session redirects to the home page of the Admin UI. The user should be directed to the Dashboard user interface home page.

The following Dashboard UI logon is correct.

Functional Area: User Interface

Escalation ID: 1365578

Resolution: Fixed Gentran Integration Suite Authentication classes. The fix was released in patch 4208. Please install patch 4208 or higher.

Fix ID: 38026

Severity: Normal

Type: Normal Fix

Build: 4208

InQuira ID: NFX1321

Title: Unable to access AFT Portal from dashboard if the password contains a '#' sign

Description: Hashmark - "#" (pound sign) in password causes problems in AFT. The password was included in the URL to switch to the AFT Portal and repeatedly prompts the user to login.

Functional Area: User Interface

Escalation ID: 1365728

Resolution: The password attribute in the URL passed to AFTLogin class was not encoded, hence the '#' in URL was interpreted as a HTML fragment identifier and the part of the URL after the '#' was discarded. This resulted in recursive session time out.

Please apply Build 1982 or higher for Gentran Integration Suite, Release 4.1.1

Please apply Build 4208 or higher for Gentran Integration Suite, Release 4.2

Fix ID: 37481, 38157

Severity: Normal

Type: Normal Fix

Build: 1982, 4208

InQuira ID: NFX1387

Title: Exporting from SQL Manager within Gentran Integration Suite to a .csv file appears to be combining columns in the output file

Description: From Operations, select System > Support Tools > SQL Manager. csv exports were missing commas. This resulted in a malformed export.

Functional Area: User Interface

Escalation ID: QC

Resolution: SQLBean.java has been updated to correct the missing commas.

Apply Gentran Integration Suite Release 4.2 Build 4208 or later to resolve the issue.

Fix ID: 32422

Severity: Normal

Type: Normal Fix

Build: 4208

InQuira ID: NFX1398

Title: When using single signon, clicking on logout directs you to the dashboard login rather than the single signon login.

Description: When using single signon, clicking on logout directs you to the dashboard login rather than the single signon login.

Functional Area: User Interface

Escalation ID: 1365967

Resolution: Logout now redirects you to the correct login screen.

You are redirected to single signon if you are using single signon.

You are redirected to /ws if you are using /ws.

You are redirected to /dashboard if you are using /dashboard.

Fix ID: 39199

Severity: Normal

Type: Normal Fix

Build: 4208

User Interface – Perimeter Servers

InQuira ID: NFX1370

Title: Spaces in Perimeter Server names can cause setupfiles.sh to fail.

Description: When the perimeter server contains a space in the name and it is linked to HTTP Server Adapter instance then directories created in {gis install dir}/tmp contain a space in their names, which causes setupfiles.sh to error.

Functional Area: User Interface – Perimeter Servers

Escalation ID: 1366900

Resolution: Spaces in the Perimeter Server name are now prohibited.

Please apply Build 4208 for Gentran Integration Suite, Release 4.2.

Fix ID: 39183

Severity: Normal

Type: Normal Fix

Web Services

InQira ID: NFX1367

Title: Gentrans Integration Suite-generated WSDL does not follow WSDL standard. Code generation tools errors out while processing Gentrans Integration Suite-generated WSDL.

Description: The following code generation tools complained about Gentrans Integration Suite-generated WSDL having incorrect syntax while generating java code:

1. Axis
2. XFire

Following are errors using Axis wsdl2java utility:

```
C:\axis2-1.2\bin>wsdl2java.bat -o c:\tmp -uri c:\tmp\SFDistributionPlatform.wsdl
```

```
Using AXIS2_HOME: C:\axis2-1.2
```

```
Using JAVA_HOME: C:\Program Files\jdk1.4.2_13
```

```
Aug 4, 2007 11:21:47 AM org.apache.axis2.Description: .WSDL11ToAxisServiceBuild:
4208er populateService
```

```
SEVERE: org.apache.axis2.Description: .WSDL11ToAxisServiceBuild:
4208er$WSDLProcessingException: More than one part for message
SF_Retrieve_Upload_Product
```

```
Exception in thread "main" org.apache.axis2.wsdl.codegen.CodeGenerationException:
Error parsing WSDL
```

```
at
org.apache.axis2.wsdl.codegen.CodeGenerationEngine.<init>(CodeGenerationEngine.java:
137)
```

```
at org.apache.axis2.wsdl.WSDL2Code.main(WSDL2Code.java:32)
```

```
at org.apache.axis2.wsdl.WSDL2Java.main(WSDL2Java.java:21)
```

```
Caused by: org.apache.axis2.AxisFault: More than one part for message
SF_Retrieve_Upload_Product
```

```
at org.apache.axis2.Description: .WSDL11ToAxisServiceBuild:
4208er.populateService(WSDL11ToAxisServiceBuild: 4208er.java:298)
```

```
at org.apache.axis2.Description: .WSDL11ToAllAxisServicesBuild:
4208er.populateAllServices(WSDL11ToAllAxisServicesBuild: 4208er.java:100)
```

```

    at
org.apache.axis2.wsdl.codegen.CodeGenerationEngine.<init>(CodeGenerationEngine.java:
131)

```

... 2 more

Caused by: org.apache.axis2.Description: .WSDL11ToAxisServiceBuild: 4208er\$WSDLProcessingException: More than one part for message SF_Retrieve_Upload_Product

```

    at org.apache.axis2.Description: .WSDL11ToAxisServiceBuild:
4208er.addQNameReference(WSDL11ToAxisServiceBuild: 4208er.java:858)

```

```

    at org.apache.axis2.Description: .WSDL11ToAxisServiceBuild:
4208er.addQNameReference(WSDL11ToAxisServiceBuild: 4208er.java:782)

```

```

    at org.apache.axis2.Description: .WSDL11ToAxisServiceBuild:
4208er.populateBinding(WSDL11ToAxisServiceBuild: 4208er.java:474)

```

```

    at org.apache.axis2.Description: .WSDL11ToAxisServiceBuild:
4208er.populateEndpoint(WSDL11ToAxisServiceBuild: 4208er.java:374)

```

```

    at org.apache.axis2.Description: .WSDL11ToAxisServiceBuild:
4208er.populateEndpoints(WSDL11ToAxisServiceBuild: 4208er.java:334)

```

```

    at org.apache.axis2.Description: .WSDL11ToAxisServiceBuild:
4208er.populateService(WSDL11ToAxisServiceBuild: 4208er.java:288)

```

...4 more

Functional Area: Web services

Escalation ID: 1366443

Resolution: Please apply Gentran Integration Suite Build 4208 for Gentran Integration Suite 4.2.

With the fix in place, Gentran Integration Suite-generated WSDL will work with axis1.x and xFire.

However, with the fix in place, Gentran Integration Suite-generated WSDL will not work with axis2 under these conditions:

- ◆ Non-MIME attachment; i.e., Inline attachment. (It should not be part of WSDL. Inline Attachment is completely Gentran Integration Suite-specific and non-compliance.)
- ◆ Consumers (should not be assigned any consumers)

Fix ID: 38893

Severity: Normal

Type: Normal Fix

Build: 4208

Workflow Engine

InQuira ID: NFX1374

Title: Gentran Integration Suite clustered environment – NullPointerException when using mandatory node with inline invoke.

Description: When using preferred node with inline invoke in a Gentran Integration Suite clustered environment, sometimes engine will throw a nullpointexception.

A business process set with the Preferred node parameter does not execute as expected and it halts when business process goes into Load Balancing mode.

Error is manifested In wf.log:

```
[2007-07-09 07:26:06.235] ERROR 000110060060
WORKFLOW.ACTIVITY_ENGINE.ERR_AEHelper_next Exception caught by AEHelper.next()
java.lang.NullPointerException
      at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.restoreCheckPoint(WorkFlowContext.java:Compiled
ntext.java(Compiled
```

Functional Area: Workflow Engine

Escalation ID: 1366066

Resolution: Please apply Gentran Integration Suite, Release 4.2 Build 4208 or higher.

Fix ID: 36910

Severity: Normal

Type: Core Change

Build: 4208

InQuira ID: NFX1386

Title: Error when drilling down into business process details from advanced search.

Description: From Business Process > Monitor > Advanced Search > Business Processes, drilling down on the detail throws the following error:

```
ERROR 000000000000 GLOBAL_SCOPE Got a sql exception in WFMonitorBean.showWFDetail().
ERROR SQL Error Code: -99999
ERROR SQL State: null
com.ibm.db2.jcc.a.SqlException: This method should only be called on ResultSet
objects that are scrollable(type:
TYPE:  _SCROLL_SENSITIVE or TYPE:  _SCROLL_INSENSITIVE)
      at com.ibm.db2.jcc.a.zc.nb(zc.java:3442)
      at com.ibm.db2.jcc.a.zc.f(zc.java:1785)
      at com.ibm.db2.jcc.a.zc.absolute(zc.java:1772)
      at
com.sterlingcommerce.woodstock.workflow.WorkFlow.saveData(WorkFlow.java:734)
      at
com.sterlingcommerce.woodstock.workflow.WorkFlow.getWFCDetails(WorkFlow.java:2545)
      at
com.sterlingcommerce.woodstock.ui.jspbean.WFMonitorBean.showWFDetail(WFMonitorBean.java:857)
      at org.apache.jsp.bpdetail_jsp._jspService(bpdetail_jsp.java:315)
      at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java(Compiled
Code))
      at javax.servlet.http.HttpServlet.service(HttpServlet.java(Compiled Code))
```

```

    at
org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java(Compiled
Code))
    at
org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java(Compiled Code))
    at org.apache.jasper.servlet.JspServlet.service(JspServlet.java(Compiled
Code))
    at javax.servlet.http.HttpServlet.service(HttpServlet.java(Compiled Code))
    at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java(Compiled
Code))
    at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java(
Compiled Code))
    at org.mortbay.jetty.servlet.Dispatcher.dispatch(Dispatcher.java(Compiled
Code))
    at org.mortbay.jetty.servlet.Dispatcher.forward(Dispatcher.java(Inlined
Compiled Code))
    at
com.sterlingcommerce.woodstock.ui.servlet.ServletBase.gotoPage(ServletBase.java(Comp
iled Code))
    at
com.sterlingcommerce.woodstock.ui.servlet.BPMonitor.doPost(BPMonitor.java:816)
    at
com.sterlingcommerce.woodstock.ui.servlet.ServletBase.doGet(ServletBase.java:119)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:740)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java(Compiled Code))
    at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java(Compiled
Code))
    at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java(
Compiled Code))
    at
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java(Compiled Code))
    at org.mortbay.http.HttpContext.handle(HttpContext.java(Compiled Code))
    at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java(Co
mpiled Code))
    at org.mortbay.http.HttpContext.handle(HttpContext.java(Compiled Code))
    at org.mortbay.http.HttpServer.service(HttpServer.java(Compiled Code))
    at org.mortbay.http.HttpConnection.service(HttpConnection.java(Inlined
Compiled Code))
    at org.mortbay.http.HttpConnection.handleNext(HttpConnection.java(Compiled
Code))
    at org.mortbay.http.HttpConnection.handle(HttpConnection.java(Compiled Code))
    at org.mortbay.http.SocketListener.handleConnection(SocketListener.java:218)
    at org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:331)
    at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java(Compiled Code))

```

Functional Area: Workflow Engine

Escalation ID: QC

Resolution: Apply Gentrans Integration Suite Release 4.2 Build 4208 or later to resolve the issue.

Fix ID: 32414

Severity: Normal

Type: Normal Fix

Build: 4208

Build 4207 Product Enhancements and Fixes

Build 4207 Product Enhancements

For information on the PGP enhancements in this build, see the Gentran Integration Suite Release 4.2 Documentation Updates at <http://www.sterlingcommerce.com/Documentation/GIS42/DocUpdates.htm>.

The following product enhancements have been added to Build 4207:

- ◆ CII Deenvelope Service
- ◆ Adapters - CD:Server

CII Deenvelope Service

InQira ID: ENH48

Title: Enhance the CIIDeenvelope Service to write the Envelope Name and Information ID Code to Process Data

Description: The CIIDeenvelope Service currently does not write the Envelope_Name or Information_ID_Code to Process Data.

Escalation ID: 1365148

Status: Completed

Request Resolution: The CIIDeenvelope Service has been enhanced to write the Envelope Name and Information_ID_Code to Process Data.

Fix ID: 36214

Apply Gentran Integration Suite, Release 4.2 Build 4207 or later to obtain this functionality.

Adapters - CD:Server

InQira ID: ENH173

Title: Change the C:D Server Adapter to not require client-authentication during the SSL/TLS handshake

Description: At present, the C:D SA requires client-authentication during the SSL/TLS handshake. This enhancement seeks to make this optional to bring the adapter in line with the RFC.

Escalation ID: 1361937

Status: Completed

Request Resolution: The C:D Server Adapter has been enhanced to not require client-authentication during the SSL/TLS handshake.

Fix ID: 38146

This functionality is in Gentran Integration Suite, Release 4.2 Build 4207.

InQuira ID: ENH174

Title: C:D Server Adapter should store the inbound Z/OS DCB file attributes in ProcessData.

Request Description: This enhancement is to have the C:D Server Adapter store the DCB file attributes in the ProcessData of the targeted business process when receiving the file from a Z/OS pnode.

Escalation ID: 1366737

Status: Completed

Request Resolution: The C:D Server Adapter has been enhanced to write Z/OS DCB file attributes in ProcessData.

Fix ID: 37989

This functionality has been added to Gentran Integration Suite, Release 4.2 Build 4207.

Build 4207 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4207 in the following areas.

- ◆ Adapters – File System
- ◆ Adapters - SAP
- ◆ AFT – Routing
- ◆ AFT – Visibility
- ◆ AS2
- ◆ CII
- ◆ CII Develope
- ◆ CLA2
- ◆ Communication Sessions Monitor
- ◆ Control Center Interop
- ◆ Developing
- ◆ EDI Translation Business Processes

- ◆ Enabling Technologies
- ◆ Enveloping
- ◆ FTP Client Adapter and Services
- ◆ FTP Client Get
- ◆ FTP Client Services
- ◆ Graphical Process Monitor (GPM)
- ◆ HTTP Adapter
- ◆ HTTP Server Adapter
- ◆ Import/Export Mailbox
- ◆ Mailbox Interface
- ◆ Mailboxing
- ◆ Mapping
- ◆ Map Editor
- ◆ Perimeter Services
- ◆ Remote Method Invocation (RMI) Adapter
- ◆ Security
- ◆ Trading Partner Profiles
- ◆ Typing Service
- ◆ User Interface
- ◆ Web Extensions
- ◆ WebSuite
- ◆ Workflow Engine

Adapters – File System

InQira ID: NFX1098

Title: FSA Collect waits until fileModThreshold is complete

Description: Enhance the fileModTimeThreshold functionality of File System Adapter.

Current functionality: Sets the file modification time threshold (in seconds) for files to be collected. A file is collected only if the modification time of the file is older than the number of seconds specified. This prevents premature collection of a file. Defaults to 30 seconds if you do not specify a value.

If the business process has File System Adapter with fileModTimeThreshold value of 900 (15 minutes) and the File System Adapter does collection. File System Adapter will collect the file immediately as long as the file is at least 15 minutes old. If the File is less than 15 minutes old, the File System Adapter waits until file gets 15 minutes old and then collect the file. In short, while the File System Adapter is waiting to get the file aged to what mentioned in fileModTimeThreshold, the business process shows the state of Active in BP Monitor.

The situation gets worse if the directory where the File System Adapter collecting the files from is written with files consistently. In that case, the File System Adapter waits for each file to get 15 minutes old, collects it, and then moves to the next file.

Consider a scenario where File System Adapter is collecting file1, which is not 15 minutes old. The FSA will wait on a file1 to become 15 minutes old. While the FSA is waiting, two more files (file2, file3) are written to the directory. As soon as file1 becomes 15 minutes old, it is collected, but then FSA waits until file2 gets 15 minutes old, then collects file2. Then FSA waits until file3 becomes 15 minutes old, then collects the file. Meanwhile, if there are more files written to the directory, the waiting continues.

Enhance the functionality such that the FSA should not collect the file if the file is not 15 minutes old and move to the next file. FSA should not wait until the file gets old enough to collect.

Enhanced functionality is as follows:

A new parameter `thresholdWait` added to the FSA configuration. When setting the `thresholdWait` from GPM, it can be set to Yes/No from dropdown.

The File System Adapter functionality is enhanced as follows:

If `collectMultiple` = Yes and `bootstrap` = No then

If FSA has `fileModTimeThreshold` specified then

If `thresholdWait` = Yes then (Note: this is equivalent to current processing)

FSA collect the file immediately if file is older than `fileModTimeThreshold`.

FSA wait if the file to be collected is not old enough. When the File gets old enough, it collect it and then move to the next file to collect.

While the FSA is waiting for file to collect, the business process stays in Active State.

FSA works on the list of files. Once the FSA listed the files and started collecting, if any new files comes in the collection directory, the new files will not be collected in that BP Run.

If `thresholdWait` = No then

FSA collect the file immediately if file is older than `fileModTimeThreshold`.

FSA does not wait if the file to be collected is not old enough. Instead it skip the file and proceed to collect next file from the list.

The status report on FSA step in the BP execution will state that the file not collected as it's not old enough.

FSA works on the list of files. Once the FSA listed the files and started collecting, if any new files comes in the collection directory, the new files will not be collected in that BP Run.

If `bootstrap` = Yes then (Note: FSA processes the same whether `collectMultiple` is yes or no when `bootstrap`=yes)

If FSA has `fileModTimeThreshold` specified then (Note: it defaults to 60)

All the files in the collection directory get collected if older than the file modification timestamp.

If FSA has `fileModTimeThreshold` set to zero then

All the files in the collection directory gets collected regardless of the file modification timestamp.

Functional Area: Adapters – File System

Escalation ID: 1365846

Resolution:

Apply Gentran Integration Suite Release 4.1.1 Build 1981 or higher.

Apply Gentran Integration Suite Release 4.2 Build 4207 or higher.

Fix ID: 36449(4.1 1981), 36453(4.2 4207)

Severity: Critical

Type: Normal Fix

Build: Gentran Integration Suite 4.1 Build 1981 and Gentran Integration Suite 4.2 Build 4207

Adapters - SAP

InQuira ID: NFX1286

Title: SAP Adapter queries are causing cursor leaks.

Description: SAP Adapter queries are causing cursor leaks.

Functional Area: SAP Adapter

Escalation ID: 1365980

Resolution: This issue has been corrected in Gentran Integration Suite, Release 4.2 Build 4207 and higher

Fix ID: 37336

Severity: Normal

Type: NormalFix

Build: 4207

AFT – Routing

InQuira ID: NFX1155

Title: AFTRouteSFTPPUT system business process is missing start/end sequence tags in onfault logic

Description: AFTRouteSFTPPUT onfault missing sequence tags.

This causes only the first operation to run, and the second one, a BPEXception service, never runs. As a result, AFT routes that utilize this business process always show up as successful even if there is an error.

Functional Area: AFT – Routing

Escalation ID: 1366396

Resolution: Added the start/end sequence tags to the onFault logic in the AFTRouteSFTPPUT business process.

Apply build 4207 or higher for Gentran Integration Suite, Release 4.2

Fix ID: 37297

Severity: Normal

Type: Normal Fix

Build: 4207

AFT – Visibility

InQuira ID: NFX1123

Title: HTTP Client Adapter generates an abnormal visibility event on session close, even when there is no error condition

Description: HTTP Client Adapter generates an abnormal visibility event on session close, even when there is no perceived error condition.

It is not distinguishing between when the close() method is called by handlefailure() or under normal close execution and generates the event as abnormal.

Functional Area: AFT – Visibility

Escalation ID: 1365503

Resolution: Added logic to the close methods event firing to do Normal if failed is false and Abnormal if it is true.

Apply Build 1981 or higher for Gentran Integration Suite, Release 4.1.1.

Apply Build 4207 or higher for Gentran Integration Suite, Release 4.2.

Fix ID: 35913, 36669, 37780

Severity: Critical

Type: Normal Fix

Build: 1981, 4207

AS2

InQuira ID: NFX 1295

Title: Asynchronous MDN requests in AS2 require a Disposition-Notification-To: header to have a value

Description: Gentran Integration Suite, Release 4.2

Asynchronous MDN requests in AS2 require a Disposition-Notification-To: header to have a value. The AS2 wizard by default builds the profile setting this field to empty, which causes the receiver of the message to fail.

```
[2007-03-21 17:28:50.183] ALL 000000000000 GLOBAL_SCOPE  
EDIINTPipelineService>Loadingprofile information
```

```
[2007-03-21 17:28:50.183] ALL 000000000000 GLOBAL_SCOPE
EDIINTPipelineService:Attempting to look up contract using IdentityIdentifier: Test41
and PartnerIdentifier: TECHSUPP
[2007-03-21 17:28:50.183] ALL 000000000000 GLOBAL_SCOPE
EDIINTPipelineService:AS2lookupContractFromMessageData(): contractID =
7a84e4:11176625bb1:-5e24
[2007-03-21 17:28:50.473] ERROR 000000000000 GLOBAL_SCOPE Exception
inHandleOutboundReceiptjava.lang.Exception: Unknown or unsupported receipt delivery
protocol
    at
com.sterlingcommerce.woodstock.services.EDIINT.EDIINTPipelineService.EDIINTPipelineS
erviceImpl.HandleOutboundReceipt2(EDIINTPipelineServiceImpl.java:2378)
    at
com.sterlingcommerce.woodstock.services.EDIINT.EDIINTPipelineService.EDIINTPipelineS
erviceImpl.processOutputList(EDIINTPipelineServiceImpl.java:1723)
    at
com.sterlingcommerce.woodstock.services.EDIINT.EDIINTPipelineService.EDIINTPipelineS
erviceImpl.UnpackageMessageFromWFC(EDIINTPipelineServiceImpl.java:1615)
    at
com.sterlingcommerce.woodstock.services.EDIINT.EDIINTPipelineService.EDIINTPipelineS
erviceImpl.parseMessage(EDIINTPipelineServiceImpl.java:1203)
    at
com.sterlingcommerce.woodstock.services.EDIINT.EDIINTPipelineService.EDIINTPipelineS
erviceImpl.processData(EDIINTPipelineServiceImpl.java:606)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1577)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:569)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:347)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:277)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueu
eListener.java:192)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:157)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:143)
    at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:3
32)
    at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor
.java:494)
```

Functional Area: AS2

Escalation ID: 1364227

Resolution: Adding cross-field validation on the receipt type and the receipt to field. Now if using the Asynchronous http MDN type, the receipt to requires a string starting with http://, Asynch https requires https://, and asynchronous smtp requires a string starting with mailto:

This ensures that the partner is setup correctly, and valid values are entered into this field instead of leaving it blank.

The original fix for this issue is part of the 4205 build, but an additional fix was made to 4207.

Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 33266, 36953

Severity: Normal

Type: NormalFix

Build: 4205, 4207

CII

InQuira ID: NFX1231

Title: When running CII develope, during the process to create the acknowledgement, the EDI Encoder service throws an uninformative error

Description: When running CII develope, during the process to create the acknowledgement, the EDI Encoder service throws an uninformative error. This only occurs when it cannot find the outbound envelope (did not exist).

Functional Area: CII

Escalation ID: 1366410

Resolution: When EDIEncode fails because no envelope is provided, the document is saved for tracking. However, this document is named incorrectly, so the node is not created in process data due to an invalid XML character. This exception prevents the “Envelope not found” exception from being displayed. In the code, addressed the naming convention (the file name started with a number which is invalid in XML) and the document is stored. Then the “Envelope not found” exception is displayed.

- ◆ Apply Gentran Integration Suite, Release 4.0.3 Patch 31 or higher.
- ◆ Apply Gentran Integration Suite, Release 4.1.1 Build 1982 or higher.
- ◆ Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 37704

Severity: Normal

Type: Normal Fix

Build: 31, 1982, 4207

InQuira ID: NFX1234

Title: CIIEnvelope service got an error ‘java.lang.NegativeArraySizeException’

Description: CIIEnvelope service got an error 'java.lang.NegativeArraySizeException.'

Functional Area: CII

Escalation ID: 1365882

Resolution: Fixed in the translator how the number of bytes to pad after the last block of data in the current CII message's TFD area is calculated. This was not being done correctly for the special case where the last block of data was exactly 250 bytes plus the last divider ID. In this case, needed an additional 251 byte block of TFD data to place the message trailer in the first position, and to pad out the rest of the block with 249 pad characters. Altogether, the last block in this special case will contain the divider ID (0x39 or '9'), the message trailer, and 249 pad characters.

- ◆ Apply Gentran Integration Suite, Release 4.0.3 Patch 30 or higher.
- ◆ Apply Gentran Integration Suite, Release 4.1.1 Build 1981 or higher.
- ◆ Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 37775

Severity: Normal

Type: Normal Fix

Build: 30, 1981, 4207

CII Deenvelope

InQuira ID: NFX1237

Title: CIIDeenvelope service gets OOM Error with 10000 documents in 1 interchange.

Description: When CIIDeenvelope service is going to process 10000 documents in a interchange, the service got an error 'java.lang.Exception: Throwable in ae.invokeService:null' and the process was stopped

In noapp.log, 'GLOBAL_SCOPE java.lang.OutOfMemoryError' comes up.

Functional Area: CII Deenvelope

Escalation ID: 1365144

Resolution: Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 37262

Severity: Normal

Type: Normal Fix

Build: 4207

CLA2

InQuira ID: NFX1258

Title: Softstop.sh is not shutting down the local CLA2 instance.

Description: Softstop.sh is not shutting down the local CLA2 instance.

Functional Area: CLA2

Escalation ID: 1365335

Resolution: Apply Gentran Integration Suite Release 4.2 Build 4207 or later.

Fix ID: 37423

Severity: Normal

Type: Normal Fix

Build: 4207

Communication Sessions Monitor

Title: In the Communication Sessions Monitor, HTTP Connections to the GIS Dashboard.war file are still showing active even when the User has logged out of the session.

Description: HTTP Connections to the GIS Dashboard.war file are still showing active even when the User has logged out of the session.

Unable to remove active connections that are no longer active from the Communication Sessions Monitor.

From the Administration menu, select **Business Processes > Advanced Search > Communication Sessions**

Functional Area: Communication Sessions Monitor

Escalation ID: SR1365490

Resolution: The HTTP Server adapter logon entries will be removed from the Communication Sessions Monitor display all together. None of the other sign on panels registered any logon entries on the communications panel, so that is why we removed all the logon messages, to be consistent. You may run an Authentication Report which has entries for each user sign on and other session information. Another option is to view the authentication.log from the Operations/System/Logs panel to view the most recent activity.

- ◆ Apply Gentran Integration Suite, Release 4.1.1 Build 1981 or higher.
- ◆ Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 35873

Severity: Normal

Type: Normal Fix

Build: 4207, 1981

InQira ID: NFX1238

Title: When users log into the GIS dashboard using the base port + 33, ACTIVE connections are created and never closed.

Description: HTTP Connections to the Gentran Integration Suite Dashboard.war file are still showing active even when the user has logged out of the session. Connections that are no longer active cannot be removed from the Communication Sessions Monitor.

From the Administration menu, select **Business Processes > Advanced Search > Communication Sessions**.

Functional Area: Communication Sessions Monitor

Escalation ID: 1365490

Resolution: The HTTP Server adapter logon entries will be removed from the Communication Sessions Monitor display. None of the other sign on panels registered any logon entries on the communications panel, so logon messages were removed to be consistent. You may run an Authentication Report which has entries for each user sign on and other session information. Another option is to view the authentication.log from the Operations/System/Logs panel to view the most recent activity.

Apply Gentran Integration Suite 4.2 Build 4207

Fix ID: 35967

Severity: Normal

Type: Normal Fix

Build: 4207

Control Center Interop

InQuira ID: NFX1259

Title: Newer version of Oracle JDBC Driver does not return time value from Date/time column when resultSet.getObject(columnNumber) is called

Description: Newer version of Oracle JDBC Driver (version 9 or higher) does not return time value from Date/time column when resultSet.getObject(columnNumber) is called.

Steps to reproduce:

1. Install GIS using Oracle 9 with JDBC Driver 9 or above and enable it for SCC Monitoring.
2. Monitor GIS from SCC. SCC log file will have the error.

Functional Area: Control Center Interop

Escalation ID: 1366208

Resolution: Apply Gentran Integration Suite Release 4.2 Build 4207 or later.

Fix ID: 37232

Severity: Normal

Type: Normal Fix

Build: 4207

Deenveloping

InQira ID: NFX1220

Title: The EDIDeenvelope service does not invoke the RNDDeenvelope service

Functional Area: Deenveloping

Escalation ID: 1365554

Resolution: Apply Build 4207 or higher for Gentran Integration Suite, Release 4.2.

Fix ID: 35774

Severity: Normal

Type: Normal Fix

Build: 4207

EDI Translation Business Processes

InQira ID: NFX1232

Title: EDIOutboundBootstrap BP creates the output file 'unrecognized' in the extraction directory

Description: The BP EDIOutboundBootstrap created the output file 'unrecognized' in the GIS_Install_directory\SI\edioutbound\extract folder extract even though DocumentExtractionService succeeded.

Functional Area: EDI Translation BPs

Escalation ID: 1365170

Resolution: If DocumentExtractionService succeeds, there is no need to create the 'unrecognized' file. Modified the business process to check whether the input data is recognized or not.

Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 36240

Severity: Normal

Type: Normal Fix

Build: 4207

Enabling Technologies

InQira ID: NFX1269

Title: General review and fix for services when using document encryption

Description: Gentran Integration Suite, Release 4.2

Found that there were problems with the use of streams in many services and a couple encryption issues in the general implementation of this functionality

Functional Area: Enabling Technologies

Escalation ID: 1365594

Resolution: Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 36263

Severity: Normal

Type: Normal Fix

Build: 4207

Enveloping

InQuira ID: NFX1214

Title: EDIFACTEnvelope Service does not overwrite the Out_InterchangeControlReference value from the correlation service.

Description: The EDIFACTEnvelope service does not overwrite the envelope interchange control number with the one that is set using the correlation service.

The EDIFACTEnvelope service does not use Out_InterchangeControlReference to override the interchange control number (ICN).

Functional Area: Enveloping

Escalation ID: 1363164

Resolution: Apply Build 4207 or higher for Gentran Integration Suite, Release 4.2.

Fix ID: 36702

Severity: Normal

Type: Normal Fix

Build: 4207

FTP Client Adapter and Services

InQuira ID: NFX1270

Title: Business process AFTRouteFTPput using a partner profile does not set FTP/S clear command channel (CCC) parameter to true

Description: The transcript shows that Clear Control Channel is not being used when the AFT Profile states to use it.

Clear Control Channel set to yes in AFT partner profile is not propagated to the BP

CCC is not being set from the partner profile. CCC always defaults to false unless overridden in the BP via an assign. FTP Put should use the value set in the partner profile.

Error message: There are no error messages reported. The FTP transcript shows the Clear Control Channel is not being used unless the value is hard coded into the business process.

Functional Area: FTP Client Adapter and Services

Escalation ID: 1366076

Resolution: Added ClearControlChannel to the B2B outbound profile and tied it into the session request and response.

Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

As a workaround, you can hardcode

```
<assign to="ClearControlChannel">YES</assign>
```

in the business process FTP client Begin Session service to get it to send a CCC command.

Fix ID: 38036

Severity: Normal

Type: Normal Fix

Build: 4207

FTP Client Get

InQuira ID: NFX1116

Title: FTP Client Get Service hanging on 550 return code even if RetrieveErrorSetSuccess is set to YES

Description: When performing an FTP Client GET and defining a RemoteFileName. If that RemoteFilename doesn't exist on the FTP Server it will respond with:

```
550 NoSuchFile.txt cannot find specified file
```

Even though the RetrieveErrorSetSuccess is set to YES so it will Ignore 550 error code when executing the RETR command.

GIS will throw a Response not received before specified timeout reached. Closing Connections.

Functional Area: FTP Client Get

Escalation ID: 1365689

Resolution:

Patch to Gentran Integration Suite Release 4.1.1 Build 1981 or Higher.

Patch to Gentran Integration Suite Release 4.2.07 or Higher.

Fix ID: 36167,37778

Severity: Normal

Type: Normal Fix

Build: 1981,4207

FTP Client Services

InQuira ID: NFX1221

Title: Gentran Integration Suite FTP Client Services errors out while communicating to SIB via SSL

Description: Gentran Integration Suite FTP client does not handle close_notify after CCC is enabled and server returns the close_notify.

Gentran Integration Suite FTP Client Services errors out while communicating to SIB via SSL. It is a requirement from SIB that the client MUST unsecure the command channel using the CCC command. Must configure FTP Client Begin Session Service in business process to have ClearControlChannel = Yes.

Issue #1> FTP Client LIST Service: (connection type: PASSIVE)

Error from status report of FTP Client LIST Service:

```
Name: mrk_pss_test_list_localgis Instance ID: 22139 User: admin
Status Report:
FTPClientList failed.
Error Message = [Executing handleREPLY_UNRECOGNIZEDCommand(IS,b,O) after unsuccessful
transition from state [LIST_PASSIVE].]
FTPClientAdapter=[FTPClientAdapter_FTPClientAdapter_node1]
ServiceStartTime=[2007-03-26 14:03:54.911]
ServiceEndTime=[2007-03-26 14:03:54.931]
SessionToken=[FTPClientAdapter_FTPClientAdapter_node1_11749358330981010:953]
ServiceTranscript=[
> PASV
  "fŠæqo wŪx 3ŌYpyRα,ãžx
]
List=[
null]
```

Issue #2> FTP Client PWD Service:

Error from the status report of FTP Client PWD service:

```
Name: bp_pwd Instance ID: 23016 User: admin
Status Report:
FTPClientPwd failed.
Error Message = [Executing handleREPLY_UNRECOGNIZEDCommand(IS,b,O) after unsuccessful
transition from state [ACCEPTING_ALL_COMMANDS].]
FTPClientAdapter=[FTPClientAdapter_FTPClientAdapter_node1]
ServiceStartTime=[2007-03-27 12:02:56.595]
ServiceEndTime=[2007-03-27 12:02:56.605]
SessionToken=[FTPClientAdapter_FTPClientAdapter_node1_11750149737911001:961]
ServiceTranscript=[
> PWD
]
```

Issue #3> FTP Client CD Service

Error from the Status Report of FTP Client CD Service:

```
Name: bp_cd Instance ID: 23037 User: admin
```

```

Status Report:
FTPClientCd failed
Error Message = [Executing handlerREPLY_UNRECOGNIZEDCommand(IS,b,O) after unsuccessful
transition from state [CDUP_SENT].]
FTPClientAdapter=[FTPClientAdapter_FTPClientAdapter_node1]
ServiceStartTime=[2007-03-27 12:29:28.504]
ServiceEndTime=[2007-03-27 12:29:28.534]
SessionToken=[FTPClientAdapter_FTPClientAdapter_node1_11750165667021004:964]
ServiceTranscript=[
> CDUP
  ? d?^1&^2EÆ9bv<αV|"^1b|
]

```

Issue #4: FTP Client GET Service (ConnectionType = PASSIVE)

Error from the Status Report of FTP Client GET Service:

```

Name: bp_get_passive Instance ID: 838007 User: admin
Status Report:
FTPClientGet failed.
Error Message = [Executing handlerREPLY_UNRECOGNIZEDCommand(IS,b,O) after unsuccessful
transition from state [MGET_ACTIVE_OR_PASSIVE].]
FTPClientAdapter=[FTPClientAdapter_FTPClientAdapter_node1]
ServiceStartTime=[2007-04-04 09:24:59.178]
ServiceEndTime=[2007-04-04 09:24:59.23]
SessionToken=[FTPClientAdapter_FTPClientAdapter_node1_11756930973031005:116998]
ServiceTranscript=[
> PASV
]

```

Issue #5: FTP Client PUT Service (ConnectionType = PASSIVE)

Error from the Status Report of FTP Client PUT Service:

```

Name: bp_put_passive Instance ID: 838251 User: admin
Status Report:
FTPClientPut failed.
Error Message = [Executing handlerREPLY_UNRECOGNIZEDCommand(IS,b,O) after unsuccessful
transition from state [PUT_ACTIVE_OR_PASSIVE].]
FTPClientAdapter=[FTPClientAdapter_FTPClientAdapte
r_node1]
ServiceStartTime=[2007-04-04 10:03:49.622]
ServiceEndTime=[2007-04-04 10:03:49.678]
SessionToken=[FTPClientAdapter_FTPClientAdapter_node1_11756954275051007:117000]
ServiceTranscript=[
> PASV
]

```

Functional Area: Gentran Integration Suite FTP Client Services

Escalation ID: 1364945

Resolution:

- ◆ Apply Gentran Integration Suite, Release 4.0 Patch 30.
- ◆ Apply Gentran Integration Suite, Release 4.1.1 Build 1982 or higher.
- ◆ Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 37320
Severity: Normal
Type: Normal Fix
Build: 30, 1982, 4207

Graphical Process Monitor (GPM)

InQuira ID: NFX1068

Title: Graphical Process Modeler (GPM) stencils are not visible if the password includes special characters like & or #

Description: Graphical Process Modeler (GPM) stencils are not visible except BPML stencil, if the password includes special characters like & or #. If the special characters(&,#) are removed from the password, then all the stencils are visible.

To reproduce, use:

User ID: test1
Password: test1& or Password: test1#

Functional Area: Graphical Process Modeler

Escalation ID: 1365735

Resolution: Problem is in the transfer of the user ID and password from the FlowBuilderManager to the host. The & and # are special characters to HTTP. Code has been modified to encode the user ID and password before sending them.

Apply Build 1981 or higher for Gentran Integration Suite, Release 4.1.1.

Apply Build 4207 or higher for Gentran Integration Suite, Release 4.2.

Fix ID: 36245, 36595

Severity: Normal

Type: Normal Fix

Build: 4207, 1981

HTTP Adapter

InQuira ID: NFX1113

Title: Jetty overrides HTTP errors sent by the HTTP Respond service attached to the HTTP Server Adapter.

Description: Jetty overrides HTTP errors sent by the HTTP Respond service attached to the HTTP Server Adapter. The WS-I Basic Profile standard requires that all SOAP faults be sent with a 500 HTTP error status.

Currently, Gentran Integration Suite sends these faults with a 200 status. If the user attempts to force a 500 status to be returned, then a default Jetty error message is returned to the user rather than the SOAP fault document.

Functional Area: HTTP Adapter

Escalation ID: 1362966

Resolution: This issue has been fixed in the following releases:

Gentran Integration Suite, Release 4.2 Build 4206

Gentran Integration Suite, Release GIS 4.1 Build 1981

To enable this new functionality, the following assignment needs to be added to all SOAP Outbound adapters used in the flow:

```
<assign to=""></assign>
```

Direct access to process data must be provided for the “MessageFromService” to leverage the automatic communication of certain parameters to the HTTP client/response adapters. The HTTP adapters must also allow for direct access to process data on the “MessageToService” side in order for them to read the parameters passed from the SOAP Outbound service.

If this access is not provided, than the following must be manually passed to the HTTP client/response adapter:

```
<doc-has-headers>true</doc-has-headers>  
<status-code>500</status-code>  
<xport-raw-xresponse>true</assign>  
<xport-doc-on-error>true</assign>
```

The default behavior for the system will remain to return 200 statuses with SOAP fault messages as well as act as it did previously when faced with a 500 status.

Fix ID: 35709

Severity: Normal

Type: New Functionality

Build: GIS 4.2 Build 4206, GIS 4.1 Build 1981

InQuira ID: NFX1284

Title: Non Integer values can be entered into the Total Business Process queue depth threshold in the HTTP Server Adapter

Description: The Total Business Process queue depth threshold field in GIS 4.2 HTTP server adapter should allow integer values only.

Functional Area: HTTP Adapter

Resolution: This issue has been corrected in Gentran Integration Suite, Release 4.2 Build 4207 and higher.

Fix ID: 35313

Severity: Normal

Type: NormalFix

Build: 4207

HTTP Server Adapter

InQuira ID: NFX1229

Title: HTTP Server adapter allows users to login even though they have been deleted from GIS accounts

Description: HTTP Server adapter allows users to login even though they have been deleted from GIS accounts. Account is allowed to login via client authentication when it should be denied due to account being deleted.

Functional Area: HTTP Server Adapter

Escalation ID: 1365965

Resolution: Apply Gentran Integration Suite 4.2 Build 4207 or later.

Fix ID: 36587

Severity: Critical

Type: Normal Fix

Build: 4207

InQuira ID: NFX1287

Title: HTTP Server Adapter Total Business Process Queue Depth functionality is not functioning in a clustered environment

Description: Gentran Integration Suite, Release 4.2 Builds 4204 – 4206

The original enhancement added the “Total Business Process queue depth threshold:”parameter to the HTTP Server adapter configuration. This parameter checked the queue depth every time a request came into that HTTP Server adapter. This functionality however did not work in a cluster environment.

Total Business Process queue depth threshold functionality added to the HTTP Server Adapter Build 4204 is not functioning in a clustered environment

Functional Area: Adapters - HTTP

Escalation ID: 1358286

Resolution:

The HTTP Adapter service parameter “Total Business Process queue depth threshold:” is now dependent upon DB Resource Monitor. Queue depths are calculated on the same interval configured for DBResourceMonitor via "DBResourceMonitor.delay" set within <install_dir>/properties/resource_monitor.properties. However, if modifying this parameter, this should be done by using the customer_overrides.properties file. The resource_monitor.properties file is addressed as resourceMonitor in the customer_overrides.properties.

resource_monitor.properties resourceMonitor

For information on using the customer_overrides.properties files, see the following documentation link: <http://www.sterlingcommerce.com/documentation/gis42/content/propertyfiles/customer%5Foverrides%5Fproperties.html>.

This change affects both single node and cluster environments.

Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 36670

Severity: Normal

Type: NormalFix

Build: 4207

Import/Export Mailbox

InQuira ID: NFX1267

Title: ImpExpManager - export of Virtual Root results in overlay of invalid data on import

Description: The export of the one user's resources of Mailbox Virtual Root, Mailbox Metadata contain references to many users on the SOURCE environment. Most of those users do not exist in the DESTINATION environment, but some do.

On import, for any users that do exist in the DESTINATION environment, the save succeeds and results in updates to the fields. For any that do not you get the 'Failed to save user' message on the import status report.

```
2007-04-11 09:02:41.227] ERROR Error
java.lang.NullPointerException
    at
com.sterlingcommerce.server.ui.jspbean.AccountBean.buildConfirm(AccountBean.java:140
1)
    at
com.sterlingcommerce.server.ui.jspbean.AccountBean.getInputs(AccountBean.java:271)
    at org.apache.jsp.wizedit_jsp._jspService(wizedit_jsp.java:326)
    at org.apache.jasper.runtime.HttpJspBase.service(HttpJspBase.java:137)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
    at
org.apache.jasper.servlet.JspServletWrapper.service(JspServletWrapper.java:210)
    at
org.apache.jasper.servlet.JspServlet.serviceJspFile(JspServlet.java:295)
    at org.apache.jasper.servlet.JspServlet.service(JspServlet.java:241)
    at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)

    at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:356)
    at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:
294)
    at org.mortbay.jetty.servlet.Dispatcher.dispatch(Dispatcher.java:220)
    at org.mortbay.jetty.servlet.Dispatcher.forward(Dispatcher.java:133)
    at
com.sterlingcommerce.server.ui.servlet.ServletBase.gotoPage(ServletBase.java:240)
```

```

        at
com.sterlingcommerce.server.ui.servlet.WizardBase.setupNextPage(WizardBase.java:311)
        at
com.sterlingcommerce.server.ui.servlet.AccountWizard.doPost(AccountWizard.java:158)
        at javax.servlet.http.HttpServlet.service(HttpServlet.java:760)
        at javax.servlet.http.HttpServlet.service(HttpServlet.java:853)
        at org.mortbay.jetty.servlet.ServletHolder.handle(ServletHolder.java:356)
        at
org.mortbay.jetty.servlet.WebApplicationHandler.dispatch(WebApplicationHandler.java:
294)
        at
org.mortbay.jetty.servlet.ServletHandler.handle(ServletHandler.java:567)
        at org.mortbay.http.HttpContext.handle(HttpContext.java:1776)
        at
org.mortbay.jetty.servlet.WebApplicationContext.handle(WebApplicationContext.java:51
4)
        at org.mortbay.http.HttpContext.handle(HttpContext.java:1726)
        at org.mortbay.http.HttpServer.service(HttpServer.java:879)
        at org.mortbay.http.HttpConnection.service(HttpConnection.java:790)
        at org.mortbay.http.HttpConnection.handleNext(HttpConnection.java:952)
        at org.mortbay.http.HttpConnection.handle(HttpConnection.java:807)
        at
org.mortbay.http.SocketListener.handleConnection(SocketListener.java:196)
        at org.mortbay.util.ThreadedServer.handle(ThreadedServer.java:289)
        at org.mortbay.util.ThreadPool$PoolThread.run(ThreadPool.java:487)

```

Functional Area: Import/Export Mailbox

Escalation ID: 1365374

Resolution: Workaround: After any import, review user details and make changes through the wizard and database update to keep them in sync.

A new fix was made to check for a current user being added to bypass users that are already present. Also a message is being sent to the import report.

Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Cause: Along with the virtual roots, user account information is also being imported. This is causing problem when the information is different between the two.

User account info was included to prevent dangling entries.

Fix ID: 36723

Severity: Normal

Type: Normal Fix

Build: 4207

Mailbox Interface

InQuira ID: NFX1200

Title: Mailbox Interface MBI does not print any error on abnormal events

Description: MBI generates error when selecting “All” and any other mailbox. It displays no results under Mailbox Search Results and emails are generated for Automated event notification and Error in workflow.

Functional Area: Mailbox interface

Escalation ID: 1366050

Resolution:

Apply Build 1982 or higher for Gentran Integration Suite, Release 4.1.1.

Apply Build 4207 or higher for Gentran Integration Suite, Release 4.2.

Fix ID: 36636

Severity: Critical

Type: Normal Fix

Build: GIS 4.1.1 Build 1982, GIS 4.2 Build 4207

Mailboxing

InQuira ID: NFX1199

Title: MailboxAS2SendSyncMDN, MailboxAS2SendNoMDN and MailboxAS2SendAsyncMD business process have invalid assign statement in RaiseException

Description: When MailboxAS2SendSyncMDN business process executes, the following error in the event BP Exception Service is received:

Status Report

```
Name: MailboxAS2SendSyncMDN      Instance ID:60540      Service Name: BP Exception
Service javax.xml.transform.TransformerException: Extra illegal tokens: 'during',
'attempt', 'to', 'send', 'message'
```

After looking at the business processes, the error is occurring because the message is not enclosed in single quotes and hence it is not treated a literal in the assign statement. Following is the extract from the business process:

```
<operation name="RaiseException">
  <participant name="BPExceptionService"/>
  <output message="Xout">
    <assign to="exceptionCode" from="transactionStatus/text()"></assign>
    <assign to="statusReport" from="Exception during attempt to send
message"></assign>
  </output>
  <input message="inMessage">
    <assign to="." from="*"></assign>
  </input>
</operation>
```

To manually fix the problem, modify the MailboxAS2SendSyncMDN BP to add single quotes to the value in the ‘from’ clause of the ‘statusReport’ assign.

```
<operation name="RaiseException">
  <participant name="BPExceptionService"/>
  <output message="Xout">
```

```
        <assign to="exceptionCode" from="transactionStatus/text()"></assign>
        <assign to="statusReport" from="'Exception during attempt to send
message'"></assign>
    </output>
    <input message="inMessage">
        <assign to="." from="*"></assign>
    </input>
</operation>
```

Functional Area: Mailboxing

Escalation ID: 1366360

Resolution: This issue has been corrected in Gentran Integration Suite, Release 4.2 Build 4207

Fix ID: 37525

Severity: Normal

Type: Normal Fix

Build: 4207

Mapping

InQuira ID: NFX1189

Title: When an initialized variable is stored into a temp field, the link from the temp field triggers the XML Attribute

Description: When an initialized variable is stored into a temp field, the link from the temp field triggers the XML Attribute on the output side of the map.

Functional Area: Mapping

Escalation ID: 1365962

Resolution: When the translator writes an XML attribute in the field handler it only needs to write the attribute out if the value is not null or not the empty string. A condition was added to check for the empty string as well as the not null condition. That way empty attribute values will not get written to XML output

This issue is resolved in Gentran Integration Suite 4207, which can be downloaded from Support on Demand. After applying this patch reinstall the mapper.

Fix ID: 36292

Severity: Normal

Type: Normal Fix

Build: 4207

Map Editor

InQuira ID: none

Title: A SQL map cannot map to an Oracle Synonym table.

Description: When working with a SQL map that connects to an Oracle database, only tables and views are available for selection from the database. Synonyms are not available for selection.

Functional Area: Map Editor

Escalation ID: 1366267

Resolution: The map editor has been modified to build synonyms as well as tables and views when it builds schemas for an Oracle database.

Apply Build 4207 or higher for Gentran Integration Suite, Release 4.2. After applying the build, download and re-install the Map Editor.

Fix ID: 37091

Severity: Normal

Type: Normal Fix

Build: 4207

InQira ID: NFX1218

Title: Database passwords are not masked within a SQL map

Description: When viewing the DSN Properties in a SQL map the password field is shown in clear text rather than masking the value.

Functional Area: Map Editor

Escalation ID: 1366369

Resolution: Apply Build 4207 or higher for Gentran Integration Suite, Release 4.2. After applying the build, download and re-install the Map Editor.

Fix ID: 37699

Severity: Normal

Type: Normal Fix

Build: 4207

InQira ID: NFX1219

Title: Maps migrated from Gentran:Server for UNIX have a maximum usage of 0 for composites.

Description: Maps migrated from Gentran:Server for UNIX to GIS have a maximum usage of 0 for composites. This causes translation to fail with the error 'Service threw an exception java.lang.String'.

Functional Area: Map editor

Escalation ID: 1366217

Resolution: Apply Build 4207 or higher for Gentran Integration Suite, Release 4.2. After applying the build, download and re-install the Map Editor.

Fix ID: 36970

Severity: Normal

Type: Normal Fix

Build: 4207

InQuira ID: NFX1233

Title: Map Editor not able to open the .MXL map with the pad character set higher than byte 127

Description: Map Editor not able to open the .MXL map with the pad character set higher than byte 127.

The element that this value is stored in is defined as an xsd:byte.

Functional Area: Map Editor

Escalation ID: 1366202

Resolution: This is fixed by modifying the Mapper.xsd schema to allow an xsd:integer for this element.

After applying the Gentran Integration Suite 4.2 Build 4207, download and re-install the Map Editor.

Fix ID: 37371

Severity: Normal

Type: Normal Fix

Build: 4207

InQuira ID: NFX1266

Title: Error is received when opening an .mxl map when the computer does not have access to the Internet

Description: Error is received when opening an .mxl map when the computer does not have access to the Internet.

```
COM error code = 80004005
Code meaning = Unspecified error
Source = msxml4.dll
Description =
file:///c:/sterlingcommerce/sterlingcommerce42/mapeditor/Schemas/Mapper.xsd#/schema[
1]/element[position() = 1 and @name =
'Mapper']/complexType[1]/attribute[2]
Undeclared XSD attribute : '{http://ww.w3.org/XML/1998/namespace}space'.
```

If the computer is connected to the Internet, then the .mxl map opens successfully.

Functional Area: Map Editor

Escalation ID: 1366275

Resolution: The Internet connection was required due to a schema dependency. This schema is now included as part of the Map Editor install.

Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

After the build is applied, download the Map Editor and re-install.

If a workaround is required until the build can be applied, contact mapping support.

Fix ID: 37693

Severity: Normal

Type: Normal Fix

Build: 4207

Perimeter Services

InQuira ID: NFX1240

Title: FTP client sometimes gets zero bytes under certain edge conditions

Description: In Gentran Integration Suite 4.2, under edge condition the handshake buffer may have left over data, but not read before the conduit is closed. This issue impacts adapters using SSL and is related to a problem in the Perimeter Server SSL layer. It seems to be triggered by small transfers with a network packet pattern that causes the data to arrive at the same time as the handshake completes, and followed very closely by the EOF.

The symptom in GIS is that it looks like the FTP client receives a zero byte document while operating in passive mode even though the original document is definitely larger than 0kb.

Functional Area: Perimeter Services

Escalation ID: 1366280

Resolution: Fixed the SSLByteDataConduit classes. The fix was released in patch build 4207. Update to build 4207 or higher.

Fix ID: 37673-1366280

Severity: Normal

Type: Normal Fix

Build: 4207

InQuira ID: NFX1242

Title: SSL Caching: Need to supply close notify with Fin Ack packet.

Description: SSL Caching: Need to supply close notify with Fin Ack packet. Based on Certicom support, in order to support session resumption in SSL, we need to use one DB session for different TLSContext. TLSNioBlackBox.java is modified to fix the problem.

Functional Area: Perimeter Services

Escalation ID: 1365857

Resolution: Based on Certicom support, in order to support session resumption in SSL, we need to use one database session for different TLSContext. TLSNioBlackBox.java is modified to fix the problem.

To test this, you need to configure an HTTPS server adapter with a URI like /hello which runs BP HelloWorld. Set up ethereal trace between your browser and Gentran Integration Suite on the port where the HTTPS server adapter is running. Open a browser and access the URI once. Close the browser. Open a

browser again and access the URI again. Now take a look at the ethereal trace. Starting from the last browser session access, you should see the client hello has earlier session's session ID, and server hello contains the same session ID and steps in SSL are reduced. If you see that, that will prove the session resumption is working.

Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 37782

Severity: Normal

Type: Normal Fix

Build: 4207

Remote Method Invocation (RMI) Adapter

InQira ID: NFX1211

Title: Can no longer start business processes externally using a call to the RMI Adapter

Description: Remote Method Invocation (RMI) Adapter can no longer start business processes externally using a call to RMI Adapter in GIS 4.2. The call ends with a receive Socket Timeout error:

```
javax.naming.CommunicationException: Receive timed out [Root exception is  
java.net.SocketTimeoutException: Receive timed out]
```

Functional Area: Remote Method Invocation Adapter

Escalation ID: 1366268

Resolution: Apply Build 4207 or higher for Gentran Integration Suite, Release 4.2.

Fix ID: 36997

Severity: Normal

Type: Normal Fix

Build: 4207

Security

InQira ID: NFX1227

Title: User login and password can be viewed in HTML source after logging in when LDAP authentication is used

Description: After logging in user can view HTML source code and see password in the clear. This only occurs when LDAP authentication is used.

Functional Area: Security

Escalation ID: 1366126

Resolution: Apply Gentran Integration Suite 4.2 Build 4207 or later.

Fix ID: 37024

Severity: Critical

Type: Normal Fix

Build: 4207

Trading Partner Profiles

InQuira ID: NFX1099

Title: AS2 outbound failure with authentication failed error

Description: Document Exchange Record (Trading Partner -> Setup -> Advanced -> Document Exchange) is set for Protocol = SMIME.

Error displays in EDIINT.log:

```
MDN-sent-automatically disposition type: processed disposition modifier error: authentication-failed.
```

Error displays in the user interface:

```
EDIINT Transaction Status: error: authentication failed.
```

when the document exchange is modified and the protocol is set to NONE and the same errors are received.

When looking at the database table SCI_DOC_EXCHANGE, the database fields SIG_KEY_CERT_ID, SIG_USER_CERT_ID, MSG_SIGNING_ALG corresponding to the Document Exchange have the same values after the protocol is changed from SMIME to NONE.

Functional Area: Trading Partner Profiles

Escalation ID: 1365499

Resolution: The resolution is to make sure the code updates the appropriate columns when Protocol is set to NONE when editing the Document Exchange in Gentran Integration Suite. The following fields SIG_KEY_CERT_ID, SIG_USER_CERT_ID, MSG_SIGNING_ALG in the database table SCI_DOC_EXCHANGE are cleared out.

Apply Gentran Integration Suite, Release 4.1.1 Build 1981 or higher.

Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 36178 (4.1), 36270 (4.2)

Severity: Normal

Type: Normal Fix

Build: 1981 (GIS 4.1.1), 4207 (GIS 4.2)

Typing Service

InQuira ID: NFX1265

Title: Typing service is not passing node attributes to process data

Description: Typing service not passing node attributes to process data even though those attributes are specified on the map and present on the translated document

When using typing service, if a XML element being assigned to the process data has an attribute then the attribute is not copied with the element.

Functional Area: Typing Service

Escalation ID: 1366022

Resolution: This modification will copy the element but requires an additional xpath statement that explicitly instructs the service to copy the attribute. (i.e. node1/node2/element/@attributename)

```
<operation name="Typing">
  <participant name="TypingService"/>
  <output message="TypingServiceTypeInputMessage">
    <assign to="optional_parmlist">node1/node2/element
node1/node2/element/@attributename</assign>
    <assign to="required_parmlist">node3</assign>
    <assign to="typing_maplist">SCIB_4</assign>
    <assign to="validate_input_against_dtd">NO</assign>
    <assign to="." from="*"></assign>
  </output>
  <input message="inmsg">
    <assign to="." from="*"></assign>
  </input>
</operation>
```

Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 37813

Severity: Normal

Type: Normal

User Interface

InQuira ID: NFX1222

Title: Fix problem where editing a user account could make the account uneditable.

Description: There was a specific set of circumstance where a user account could become uneditable.

Steps that cause a user account to be uneditable:

1. Admin edits user account through **Accounts > User Accounts**.
2. While the account is open for editing, the user logs in with the account to the mailbox interface.
3. The admin cancels the account edit.

Once this happens, the account no longer shows up under user accounts.

Another symptom is in the database, in the AUTHO table, the STATUS is set to 16.

Functional Area: User interface

Escalation ID: 1366067

Resolution: Apply Build 4207 or higher for Gentran Integration Suite, Release 4.2.

If this has happened and you have an account in this inconsistent state, it needs to be fixed manually. Contact Customer Support for assistance with correcting the user account.

Fix ID: 36589

Severity: Normal

Type: Normal Fix

Build: 4207

InQuira ID: NFX1239

Title: Expired passwords force dashboard user to change password in /ws changepassword screen, and redirects to /ws

Description: In Gentran Integration Suite 4.2, the password change redirects from Dashboard UI to Admin UI. When a Dashboard UI user is required to change their password at login (due to expiry), they are redirected to the password change screen of the Admin UI. Once the new password is submitted, the session redirects to the home page of the Admin UI. The user should be directed to the Dashboard UI home page.

The following Dashboard UI logon is correct.

Functional Area: User Interface

Escalation ID: 1365578

Resolution: Fixed GIS Authentication classes.

Apply Gentran Integration Suite Release 4.2 Build 4207 or later.

Fix ID: 38026-1365578

Severity: Normal

Type: Normal Fix

Build: 4207

InQuira ID: NFX1283

Title: Error when recreating a permission with ID, Name and Type values identical to one that has been previously deleted

Description: Error "unique constraint (GIS_USER.SCI_PK_129) violated" thrown in GIS4.2 when trying to recreate a permission with ID, Name and Type values identical to one that has been previously deleted

Functional Area: User Interface

Escalation ID: 1365905

Resolution: This has been corrected in Gentran Integration Suite, Release 4.2 Build 4027

Fix ID: 37191

Severity: Normal

Type: NormalFix

Build: 4207

Web Extensions

InQuira ID: NFX1241

Title: After deploying a WAR file in GIS, attempts to use the Web Application to trigger a BP using the Web Extension Business

Description: After deploying a WAR file in GIS, attempts to use the Web Application to trigger a BP using the Web Extension Business Process Resolver class fail.

The problem has been traced to the fact that different Class Loaders are used to load required jar files.

In the servlet specification, the web container has the option of using the parent class loader or creating a new class loader when it starts up.

Using a new class loader implies that any jar files found in the lib folder of the war files takes precedence.

Functional Area: WebExtensions

Escalation ID: 1366148

Resolution: This has been fixed in Gentran Integration Suite, Release 4.2 Build 4207 and higher.

Fix ID: 38068

Severity: Critical

Type: NormalFix

Build: 4207

WebSuite

InQuira ID: NFX1225

Title: Password Policy not working in WebExtensions page

Description: Password policy does not applied when changing the password from WebExtensions page

<http://host:port/websuite>

Functional Area: WebSuite Login

Escalation ID:1365256

Resolution: Apply Gentran Integration Suite 4.2 Build 4207 or later.

Fix ID: 37369

Severity: Normal

Type: Normal Fix

Build: 4207

Workflow Engine

InQira ID: NFX1235

Title: For any new check in processes, the new default does not take effect when it is executed the first time

Description: For any new check in processes, the new default does not take effect when it is executed the first time. This behavior is seen with business processes, mailbox routing rules, maps and possibly other resources as well.

Cache is not refreshed to reflect the new version of the resource.

Functional Area: Workflow Engine

Escalation ID: 1365624

Resolution: Changes have been made in refreshing the workflow definition cache.

Apply Gentran Integration Suite, Release 4.2 Build 4207 or higher.

Fix ID: 37777

Severity: Normal

Type: Normal Fix

Build: 4207

InQira ID: NFX1285

Title: When the last step of a BP is an inline invoke the BP remains in an active state.

Description: When the last step of a BP is an inline invoke the BP remains in an active state.

Functional Area: Workflow Engine

Escalation ID: 1365878

Resolution: This issue has been corrected in Gentran Integration Suite, Release 4.2 Build 4207 and higher

Fix ID: 37776

Severity: Normal

Type: NormalFix

Build: 4207

Build 4206 Product Enhancements and Fixes

Build 4206 Product Enhancements

There are no additional enhancements in this build of Gentran Integration Suite 4.2.

Build 4206 Product Fixes

Issues have been resolved in Gentran Integration Suite Release 4.2 Build 4206 in these areas:

- ◆ Workflow Engine — Updated Solution
- ◆ Adapters — HTTP
- ◆ Adapters — CLA2

Workflow Engine — Updated Solution

InQira ID: NFX1072

Title: Threads are not unregistered with the service controller, causing an Out of Memory condition.

Description: Workflow engine threads are being registered with the services controller but not unregistered. This causes continuous growth of an internal data structure which in most cases will lead to an OutOfMemory condition.

servicesctl.log log file entry reads:

```
                SERVICES.SERVICES_CONTROLLER.ERR_wfeUnregister wfeUnregister():Less
that 3 threads in stack.
                SERVICES.SERVICES_CONTROLLER.ERR_incorrect Thread Stack incorrect
stack = [
```

Another symptom is the Troubleshooter page misreporting an unusually high number of Active Threads.

Functional Area: Workflow Engine

Escalation ID:1364267

Resolution: No longer register thread for step 0 in Workflow Engine. Only count thread after workflow is out of queue and running in Activity Engine. Removed register/unregister thread in Workflow Engine.

Apply Gentran Integration Suite Release 4.2 Build 4206 or later.

Note: Initially fixed in 4205, but clarification of the issue, addressing the memory issue, is updated in 4206.

Fix ID: 34137

Severity: Critical

Type:Core Change

Build: 4205

Adapters — HTTP

InQuira ID: NFX1161

Title: HTTP Server Adapter returning 404 responses and throwing exceptions when processing incoming requests.

Description: HTTP Server Adapter returning 404 responses and throwing exceptions when processing incoming requests.

Symptom: Incoming HTTP requests may result in errors such as the following in the wf.log file:

```
[2007-06-25 17:04:43.84] ERROR Chained Exception:
[2007-06-25 17:04:43.84] ERROR SQL Error Code: 1
[2007-06-25 17:04:43.84] ERROR SQL State: 23000
java.sql.SQLException: ORA-00001: unique constraint (APPGIS.SCI_PK_26) violated
    at
oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java(Compiled
Code))
        at oracle.jdbc.driver.T4CTTioer.processError(T4CTTioer.java(Compiled
Code))
            at oracle.jdbc.driver.T4CTTioer.processError(T4CTTioer.java(Inlined
Compiled Code))
                at oracle.jdbc.driver.T4C8Oall.receive(T4C8Oall.java(Compiled Code))
                    at
oracle.jdbc.driver.T4CPreparedStatement.doOall8(T4CPreparedStatement.java(Compiled
Code))
                        at
oracle.jdbc.driver.T4CPreparedStatement.executeForRows(T4CPreparedStatement.java(Com
piled Code))
                            at
oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(OracleStatement.java(Compile
d Code))
                                at
oracle.jdbc.driver.OraclePreparedStatement.executeInternal(OraclePreparedStatement.j
ava(Compiled Code))
                                    at
oracle.jdbc.driver.OraclePreparedStatement.executeUpdate(OraclePreparedStatement.jav
a(Compiled Code))
                                        at
com.sterlingcommerce.woodstock.util.frame.jdbc.JDBCService.executeUpdate(JDBCService
.java(Compiled Code))
```



```

        at
com.sterlingcommerce.woodstock.workflow.Document.saveExtensions(Document.java(Compiled Code))
        at
com.sterlingcommerce.woodstock.workflow.Document.saveExtensions(Document.java(Inline d Compiled Code))
        at
com.sterlingcommerce.woodstock.workflow.Document.persist(Document.java(Compiled Code))
        at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.persist(WorkFlowContext.java(Compiled Code))
        at
com.sterlingcommerce.woodstock.workflow.WorkFlowContext.persist(WorkFlowContext.java(Inlined Compiled Code))
        at
com.sterlingcommerce.woodstock.workflow.engine.WEHelper.dispatch(WEHelper.java(Compiled Code))
        at
com.sterlingcommerce.woodstock.workflow.engine.WorkFlowEngineRMIImpl.dispatch(WorkFlowEngineRMIImpl.java(Compiled Code))
        at
com.sterlingcommerce.woodstock.workflow.Dispatcher.run(Dispatcher.java(Compiled Code))
        at java.lang.Thread.run(Thread.java(Compiled Code))

```

Functional Area: Adapters - HTTP

Escalation ID: 1365813

Resolution: Document persistence code was modified within the HTTP Server Adapter to correct a persistence timing issue.

Apply Gentran Integration Suite, Release 4.2 Build 4206 or later.

Fix ID: 37318

Severity: Critical

Type: Normal Fix

Build: 4206

Adapters — CLA2

InQuira ID: NFX1162

Title: Command Line 2 Windows service is not being created during patch installation

Description: This affects Gentran Integration Suite installed on Windows operating system. Build 4204 introduced a Windows service for the Command Line 2 adapter, but this service is not being created during patch installation.

Business processes executing calls to CLA/CLA2 fail due to a dependency on this new service

Functional Area: Adapters - Command Line

Escalation ID: QC

Resolution: CmdLine2 Windows Service is now being installed at patch installation.

Apply Gentran Integration Suite, Release 4.2 Build 4206 or later.

Fix ID: 37334

Severity: Critical

Type: Normal Fix

Build: 4206

Build 4205 Product Enhancements and Fixes

Important Note about Build 4205

If you're currently using the iWay, JCA or EJB adapters, you must redeploy the client components. The client components exist under the <gis_install>client directory.

Build 4205 Product Enhancements

The following product enhancement has been added to Build 4205.

For information on the PGP enhancements in this build, see the Gentran Integration Suite Release 4.2 Documentation Updates at <http://www.sterlingcommerce.com/Documentation/GIS42/DocUpdates.htm>

◆ Services and Adapters

Services and Adapters

Fix ID: 34946-1363032

Primus ID: SCI99242

Component: PGP Adapter

Type: New Functionality

Severity: Normal

Symptom: When file is encrypted within GIS and then decrypted outside GIS using PGP command line, the decrypted file name is PGPnode1_<datetimestamp>.

Fix: A new properties file (pgp.properties) has been created with a key called "RENAME." If RENAME=No, renaming is not done in the code and manual decryption of the GIS encrypted file causes the decrypted file to retain the original name. The value RENAME=Yes results in existing behavior: GIS renames the file.

Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1979 or later
- ◆ Release 4.2 Build 4205 or later

Build 4205 Product Fixes

The following issues have been resolved in Gentran Integration Suite Release 4.2 Build 4205:

- ◆ AFT
- ◆ AS2
- ◆ Authentication
- ◆ Clean Up Process Monitor Details
- ◆ Clustering
- ◆ Connect:Direct and Connect:Enterprise
- ◆ EDI
- ◆ Enveloping and Deenveloping
- ◆ Event Listener
- ◆ FTP
- ◆ HTTP
- ◆ Indexing
- ◆ Installer
- ◆ Mailboxing
- ◆ Map Editor
- ◆ Perimeter Server
- ◆ SAP Suite Builder
- ◆ Security
- ◆ Services and Adapters
- ◆ SSH
- ◆ SOAP
- ◆ System Requirements - Third Party Software
- ◆ Trading Partners
- ◆ Translation
- ◆ Upgrade
- ◆ User Interface
- ◆ Workflow Engine

AFT

Fix ID: 34922-1364721, 35900-1364721

AFT business processes are not being updated with Connection Type as configured in the trading partner setup.

Type: Normal Fix

Severity: Normal

Functional Area: AFT

Build: 4205

Symptom: AFT business processes (AFTRouteSendMessage and AFTRouteFTPPUT) are not being updated with Connection Type as configured in the Trading Partner > Advanced > Transport screen.

Fix: FTP BeginSessionService now extracts the "ConnectionType" parameter by making use of profile ID and populates ProcessData with the same. Later services can pick up the value from ProcessData.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 34922-4720794

Component: AFT Profile

Type: New Functionality

Severity: Normal

Fix: Functionality added to allow Active/passive FTP connections to be specified in the AFT Profile /AFTRouteFTPPut.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

AS2

Fix ID: 33266-1364227

AS2 wizard sets the profile for the Disposition-Notification-To header field to empty by default.

Type: Normal Fix

Severity: Normal

Build: 4205

Functional area: AS2

Asynchronous MDN requests in AS2 require a Disposition-Notification-To: header to have a value. The AS2 wizard by default builds the profile setting this field to empty, which causes the receiver of the message to fail.

```
2007-03-21 17:28:50.183] ALL 000000000000 GLOBAL_SCOPE EDIINTPipelineService:  
Loadingprofile information
```

```
[2007-03-21 17:28:50.183] ALL 000000000000 GLOBAL_SCOPE EDIINTPipelineService:
Attempting to look up contract using IdentityIdentifier: Conerby41 and
PartnerIdentifier: TECHSUPP
[2007-03-21 17:28:50.183] ALL 000000000000 GLOBAL_SCOPE EDIINTPipelineService:
AS2lookupContractFromMessageData(): contractID = 7a84e4:11176625bb1:-5e24
[2007-03-21 17:28:50.473] ERROR 000000000000 GLOBAL_SCOPE Exception in
HandleOutboundReceiptjava.lang.Exception: Unknown or unsupported receipt delivery
protocol
at
com.sterlingcommerce.woodstock.services.EDIINT.EDIINTPipelineService.EDIINTPipelineS
erviceImpl.HandleOutboundReceipt2(EDIINTPipelineServiceImpl.java:2378)
at
com.sterlingcommerce.woodstock.services.EDIINT.EDIINTPipelineService.EDIINTPipelineS
erviceImpl.processOutputList(EDIINTPipelineServiceImpl.java:1723)
at
com.sterlingcommerce.woodstock.services.EDIINT.EDIINTPipelineService.EDIINTPipelineS
erviceImpl.UnpackageMessageFromWFC(EDIINTPipelineServiceImpl.java:1615)
at
com.sterlingcommerce.woodstock.services.EDIINT.EDIINTPipelineService.EDIINTPipelineS
erviceImpl.parseMessage(EDIINTPipelineServiceImpl.java:1203)
at
com.sterlingcommerce.woodstock.services.EDIINT.EDIINTPipelineService.EDIINTPipelineS
erviceImpl.processData(EDIINTPipelineServiceImpl.java:606)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1577)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:569)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:347)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:277)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQue
ueListener.java:192)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:157)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:143)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:3
32)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecuto
r.java:494)
```

Fix: Adding cross-field validation on the receipt type and the receipt to field. Now if using the Asynchronous http MDN type, the receipt to requires a string starting with http://, Asynch https requires https://, and asynchronous smtp requires a string starting with mailto:

This ensures that the partner is setup correctly, and valid values are entered into this field instead of leaving it blank.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 34655-0000000

Component: AS2

Type: Normal Fix

Severity: Normal

Build: 4205

Symptom: When upgrading from GIS 3.0, or importing AS2 configurations from GIS 3.0 to 4.2, duplicate FSA schedules are created. The `targe_env` value is also being set incorrectly, resulting in RMI null exception errors.

Cause: There is a logic error in the SII class when handling the name change of a service. The AS2 TP wizard utilizes this class and therefore has the issue when it names the 3.0 profile name to the newer 4.x name.

Fix: Changed `w2/c/s/w/ui/tpp/AS2Editor.java` to not do a rename of the service when we need to rename. Instead, it copies the service to a new one, sets its name, saves it, and removes the old one.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35310-1365462

Primus ID: None

Component: AS2

Type: Normal Fix

Severity: Critical Impacting

The AS2 `SendAsyncMDN` and `AS2SendSyncMDN` now invoke the business process `HTTPClientSend`.

Symptoms: If either of these business processes were invoked by a parent and the `WF_NAME` was set to `AS2SendAsyncMDN` (or `AS2SendSyncMDN`), the business process invoked itself over and over on the `Invoke Business Process` step, causing an infinite loop.

Fix: This was fixed by copying process data to the output message of the `invoke services` first, then setting the parameter for the business process to `invoke`.

Apply one of the following versions of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1979 or later
- ◆ Release 4.2 Build 4205 or later

Fix ID: 35404-1365506

AS2 File system schedules are rebuilt when the partner is edited and a patch is installed.

Primus ID: None

Component: AS2

Type: Normal Fix

Severity: Critical Impacting

Symptoms: No files were available to pickup and the business process went into a halted state. The rebuild also did not set the new parameter maxCollect, so it was being ignored.

Fix: Added the parameters noFilesSetSuccess=true and maxCollect=-1 for the FSA being called by the AS2 File System scheduler.

Apply one of the following versions of Gentran Integration Suite:

◆ Release 4.1.1 Build 1979 or later

◆ Release 4.2 Build 4205 or later

Authentication

Fix ID: 34761-1364167

Unable to check-in PKCS12 signed certificates in GIS 4.2

Primus ID: None

Type: Normal Fix

Severity: Critical Impacting

Symptoms: Private keypair certificates of the PKCS12 format exposed a bug in the Trustpoint jars resulting in a BadPaddingException in the log files, and the cert not being imported. The Trustpoint jar files were also not configured to allow the extensions and special characters that we allow in previous releases, one of which is an “_” and will fail to import as a trusted cert.

Fix: Received new Trustpoint jar files from Certicom.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 34845-1365137

SJIS (0x4d, M) as Sixteen Bit Character Code causes a service error
java.io.UnsupportedEncodingException in CIEnvelope

InQuira ID: NFX1049

Component: CII

Type: Normal Fix

Severity: Normal

Symptom: CII version 3.00 or later support S-JIS (M) for 16 Bit Character encoding. CIEnvelope service fails when S-JIS is used for 16 Bit Character encoding for envelope with error -

```
java.io.UnsupportedEncodingException: M
```

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1979 or later
- ◆ Release 4.2 Build 4205 or later

Fix ID: 36042-1364007

Error creating Oracle tables for Reporting Services Fact Model with a timestamp fact (SC1100466)

InQuira ID: NFX1057

Component: CII

Type: Normal Fix

Severity: Normal

Symptom: Error creating Oracle tables for Reporting Services Fact Model with a timestamp fact. Error in bizIntel.log (truncated):

```
com.sterlingcommerce.woodstock.bi.report.config.InvalidValueException: Please add
missing constant: 1.TIMESTAMP
at
com.sterlingcommerce.woodstock.bi.report.utils.ConstantsManager.getIntConstant(Con
stantsManager.java:156)
at
com.sterlingcommerce.woodstock.bi.report.utils.ConstantsManager.getDataType(Const
antsManager.java:341)
at
com.sterlingcommerce.woodstock.bi.report.def.Item.setDataTypeQualified(Item.java:168)
at
com.sterlingcommerce.woodstock.bi.report.def.ContentDef.generateSimpleFields(Content
Def.java:166)
at
com.sterlingcommerce.woodstock.bi.report.def.ContentDef.getReportSimpleDetailFields(
ContentDef.java:127)
Error in UI.log (truncated)
com.sterlingcommerce.woodstock.bi.fact.FactModelException: ReportGenerationUtil
processFactModel() Exception:Resource Generation failed for all attempted report
definitions
at
com.sterlingcommerce.woodstock.bi.reports.ReportGenerationUtil.processFactModel(Repo
rtGenerationUtil.java:157)
at
com.sterlingcommerce.woodstock.bi.reports.ReportGenerationUtil.processFactModel(Repo
rtGenerationUtil.java:117)
```

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Clean Up Process Monitor Details

Fix ID: 35159-1365395

InQuira ID: NFX1066

Component: Clean up Process Monitor Details Screen

Type: New Functionality

Severity: Normal

Symptom: The option on the Operations >System > Troubleshooter Page called "Clean Up Process Monitor" shows the last status of the various GIS housekeeping functions, and adds a warning if any of them have failed. This screen is showing Not Applicable in the lastRun details column. This behavior is found with GIS+MSSQL only. The ui.log displays:

```
[2007-05-07 02:52:47.969] ERROR 000000000000 GLOBAL_SCOPE [UIGlobals] getCleanUpInfo
- SQLException
[2007-05-07 02:52:47.969] ERROR SQL Error Code: 207
[2007-05-07 02:52:47.969] ERROR SQL State: 42S22
java.sql.SQLException: [Microsoft][SQLServer 2000 Driver for
JDBC][SQLServer]Invalidcolumn name 'name'.
```

The SQLException repeats for the remaining column names in the query.

Fix: Corrected the SQL query that retrieves these details.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Clustering

Fix ID: 33445-0000000

Component: Cluster Upgrade

Type: Normal Fix

Severity: Normal

Build: 4205

Symptom: When upgrading the second node of a cluster, coming from 4.0, the second node fails.

Cause: InstallService fails and does not put the FeatureSet.xml file in the bin dir. This results in a version mismatch. A workaround was previously documented in the upgrade documentation. With the release of this fix, the workaround will be removed from the documentation

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35397-0000000

Component: Cluster Upgrade

Type: Normal Fix

Severity: Normal

Build: 4205

Symptom: When running startCluster.sh or startCluster.cmd on a node, the following error appears:

```
Exception in thread "main" java.lang.OutOfMemoryError
```

Fix: startCluster.sh was modified to include the following line after the call to tmp.sh:

```
JAVA="$JAVA $HEAP_FLAGS"
```

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Connect:Direct and Connect:Enterprise

Fix ID: 33758-1365035

Component: Connect Direct Interop

Type: Normal Fix

Severity: Normal

Build: 4205

Fix: The Obscure Parameter service used with the Connect:Direct Server adapter will now obscure the password field from the cdinterop log and in process data. The cdinterop log file will display six asterisks (*****) when emitting password data, or "null" when no password has been provided. NOTHING must be configured for this new behavior.

However, to prevent passwords from being displayed in clear text in ProcessData, the business process writer must use the Obscure Password Service AND include the new parameter to the Begin Session Service and reference their obscured userid like this:

```
<process name="CopyToObscure">
  <sequence>
    <operation name="Obscure Password">
      <participant name="CDClientObscureParameter"/>
      <output message="outmsg">
        <assign to="." from="*"></assign>
      </output>
      <input message="inmsg">
        <assign to="." from="*"></assign>
      </input>
    </operation>

    <operation name="CD Server Begin Session Service">
      <participant name="CDServerBeginSession"/>
      <output message="CDServerBeginSessionServiceTypeInputMessage">
        <assign to="LocalCDNodeName">TestAdapter-1</assign>
        <assign to="PlexClass">ssl</assign>
        <assign to="RemoteCDNodeName">CD-NODENAME</assign>
        <assign to="UsingObscuredPasswd">yes</assign>
        <assign to="RemotePasswd" from="cduser1/text()"></assign>
        <assign to="RemoteUserId">cduser1</assign>
        <assign to="." from="*"></assign>
      </output>
      <input message="inmsg">
        <assign to="." from="*"></assign>
      </input>
    </operation>

    <operation name="CD Server CopyTo Service">
      <participant name="CDServerCopyTo"/>
      <output message="CDServerCopyToServiceTypeInputMessage">
        <assign to="RemoteFileName">/target/path/filename.txt</assign>
        <assign to="." from="*"></assign>
      </output>
      <input message="inmsg">

```

```

    <assign to="." from="*"></assign>
  </input>
</operation>

<operation name="CD Server End Session Service">
  <participant name="CDServerEndSession"/>
  <output message="CDServerEndSessionServiceTypeInputMessage">
    <assign to="." from="*"></assign>
  </output>
  <input message="inmsg">
    <assign to="." from="*"></assign>
  </input>
</operation>
</sequence>
</process>

```

Fix ID: 34963-1365381

Severity: Normal

Type: Normal Fix

Build: 4205

Detail: SPOE Feature does not accept the dot character (.) in the username or nodename definition of the cdinterop-spoee-auth.properties file.

Fix: Added the dot (.) character to the set of legal username/nodename characters for specifying SPOE remote users (cdinterop-spoee-auth.properties)

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 34976-1363919

Connect:Enterprise Adapter goes into 'Active' state and does not complete.

Type: Normal Fix

Severity: Normal

Functional Area: Connect:Enterprise Adapter

Build: 4205

Symptom: Connect:Enterprise Adapter goes into 'Active' state and does not complete even though files have been received and bootstrapped business processes have been completed. This issue does not occur if the system log is enabled; the problem only occurs when the system log is disabled. The error in the noapp.log is as follows:

```
start: ftp.getTimeoutstartInit():Exception=0;Exceptions msg=;Command_code=150
```

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.2 Build 4205 or later
- ◆ Release 4.1.1 Build 1979 or later

EDI

InQira ID: NFX1276

Title: 997 or CONTRL reconciliation fails during deenveloping

Description: This error displays:

```

ERROR 000110070158 WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting to execute
service DeenvelopeX12
java.lang.IndexOutOfBoundsException: Index: 0, Size: 0
  at java.util.ArrayList.RangeCheck(ArrayList.java:507)
  at java.util.ArrayList.get(ArrayList.java:324)
  at
com.sterlingcommerce.server.services.edi.reconcile997.Reconcile997.updateGroupAckSta
tusCorrelation(Reconcile997.java:398)
  at
com.sterlingcommerce.server.services.edi.reconcile997.Reconcile997.reconcileGroup(Re
concile997.java:314)
  at
com.sterlingcommerce.server.services.edi.reconcile997.Reconcile997.process997(Reconc
ile997.java:225)
  at
com.sterlingcommerce.server.services.edi.reconcile997.Reconcile997.reconcile997(Reco
ncile997.java:126)
  at
com.sterlingcommerce.server.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.proc
essTransactions(DeenvelopeX12ServiceImpl.java:1602)
  at
com.sterlingcommerce.server.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.proc
essGroups(DeenvelopeX12ServiceImpl.java:1229)
  at
com.sterlingcommerce.server.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.proc
essData(DeenvelopeX12ServiceImpl.java:259)
  at
com.sterlingcommerce.server.workflow.activity.engine.ActivityEngineHelper.invokeServ
ice(ActivityEngineHelper.java:1577)
  at
com.sterlingcommerce.server.workflow.activity.engine.ActivityEngineHelper.nextMainLo
gic(ActivityEngineHelper.java:569)
  at
com.sterlingcommerce.server.workflow.activity.engine.ActivityEngineHelper.next(Activ
ityEngineHelper.java:347)
  at
com.sterlingcommerce.server.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQuee
eListener.java:277)
  at
com.sterlingcommerce.server.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueLi
stener.java:192)
  at
com.sterlingcommerce.server.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQ
ueueListener.java:157)
  at
com.sterlingcommerce.server.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQ
ueueListener.java:143)

```

```
at
com.sterlingcommerce.server.workflow.queue.wfTransporter.run(wfTransporter.java:332)
at
com.sterlingcommerce.server.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:494)
at java.lang.Thread.run(Thread.java:534)
java.lang.StringIndexOutOfBoundsException: String index out of range: 6wf.log shows:
ERROR 000110070158 WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting to execute
service DeenvelopeX12
java.lang.IndexOutOfBoundsException: Index: 0, Size: 0
at java.util.ArrayList.RangeCheck(ArrayList.java:507)
at java.util.ArrayList.get(ArrayList.java:324)
at
com.sterlingcommerce.server.services.edi.reconcile997.Reconcile997.updateGroupAckSta
tusCorrelation(Reconcile997.java:398)
at
com.sterlingcommerce.server.services.edi.reconcile997.Reconcile997.reconcileGroup(Re
concile997.java:314)
at
com.sterlingcommerce.server.services.edi.reconcile997.Reconcile997.process997(Reconc
ile997.java:225)
at
com.sterlingcommerce.server.services.edi.reconcile997.Reconcile997.reconcile997(Reco
ncile997.java:126)
at
com.sterlingcommerce.server.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.proc
essTransactions(DeenvelopeX12ServiceImpl.java:1602)
at
com.sterlingcommerce.server.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.proc
essGroups(DeenvelopeX12ServiceImpl.java:1229)
at
com.sterlingcommerce.server.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.proc
essData(DeenvelopeX12ServiceImpl.java:259)
at
com.sterlingcommerce.server.workflow.activity.engine.ActivityEngineHelper.invokeServ
ice(ActivityEngineHelper.java:1577)
at
com.sterlingcommerce.server.workflow.activity.engine.ActivityEngineHelper.nextMainLo
gic(ActivityEngineHelper.java:569)
at
com.sterlingcommerce.server.workflow.activity.engine.ActivityEngineHelper.next(Activ
ityEngineHelper.java:347)
at
com.sterlingcommerce.server.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQuee
eListener.java:277)
at
com.sterlingcommerce.server.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueLi
stener.java:192)
at
com.sterlingcommerce.server.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQ
ueueListener.java:157)
at
com.sterlingcommerce.server.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQ
ueueListener.java:143)
```

```

at
com.sterlingcommerce.server.workflow.queue.wfTransporter.run(wfTransporter.java:332)
at
com.sterlingcommerce.server.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:494)
at java.lang.Thread.run(Thread.java:534)
java.lang.NullPointerException
wf.log shows:
ERROR 000110070158 WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting to execute
service DeenvelopeEDIFACT
java.lang.NullPointerException
at
com.sterlingcommerce.server.services.edi.reconcileCONTRL.ReconcileCONTRL.updateInter
changeAckStatusCorrelation(ReconcileCONTRL.java:542)
at
com.sterlingcommerce.server.services.edi.reconcileCONTRL.ReconcileCONTRL.reconcileIn
terchange(ReconcileCONTRL.java:400)
at
com.sterlingcommerce.server.services.edi.reconcileCONTRL.ReconcileCONTRL.processInte
rchange(ReconcileCONTRL.java:258)
at
com.sterlingcommerce.server.services.edi.reconcileCONTRL.ReconcileCONTRL.processCONT
RLMessage(ReconcileCONTRL.java:177)
at
com.sterlingcommerce.server.services.edi.reconcileCONTRL.ReconcileCONTRL.reconcileCO
NTRL(ReconcileCONTRL.java:126)

```

Alternately, this error message may display:

```

ERROR 000110070158 WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting to execute
service DeenvelopeX12
java.lang.NullPointerException
at
com.sterlingcommerce.server.services.edi.reconcile997.Reconcile997.updateGroupAckSta
tusCorrelation(Reconcile997.java:399)
at
com.sterlingcommerce.server.services.edi.reconcile997.Reconcile997.reconcileGroup(Re
concile997.java:314)

```

Functional Area: EDI

Escalation ID: 1361688, 1364896

Resolution: Apply one of the following versions of Gentran Integration Suite:

- ◆ Release 4.0 SP3 Patch 30 (4.0.3-30) or later
- ◆ Release 4.1.1 Build 1980 or later
- ◆ Release 4.2 Build 4205 or later

Fix ID: 31995, 33218

Severity: Normal

Type: Normal Fix

Build: 30, 1980, 4205

Enveloping and Deenveloping

Fix ID: 34365-1364898

Cannot produce a TA1 at all when an invalid date or time is in the ISA

Severity: Normal

Type: Normal Fix

Functional Area: X12 De-envelope

Build: 4205

Symptom: Cannot produce a TA1 at all when an invalid DATE or TIME is in the ISA

```
[2007-04-13 11:28:58.789] ERROR 000000000000 GLOBAL_SCOPE java.text.ParseException:
Unparseable date: "071323*1058"
java.lang.NullPointerException
at
com.sterlingcommerce.woodstock.workflow.Correlation.dateToString(Correlation.java:30
98)
[2007-04-13 14:41:03.137] ERROR 000510130001 EDI.EDI_GENERATETAL.ERR_TA1_InfoEntry
TA1: ComplianceReport contains unknown information entry: 553
```

Fix: The TA1 will not be generated and the information will be written to the compliance report that there is an invalid date/time stamp for the ISA processed.

1. Display the Interchange Date/Time entry within the TA1 section of the Compliance Report as follows showing zeroes for the invalid date/time:

```
508: Interchange Date/Time
Invalid Date/Time
000000*0000
```

2. The EDI Interchange Date/Time correlation entry will not be populated if the value is invalid.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35770-1365590

EDIFACT deenvelope fails when EDIFACT syntax 4 UNB S001 contains any of elements 0080 0133 0076

Inquiry ID: None available

Severity: Normal

Type: Normal Fix

Functional Area: Deenveloping

Symptom: EDIFACT deenvelope fails when EDIFACT syntax 4 UNB S001 contains any of elements 0080 0133 0076

```
UNA:+.?'
UNB+UNOB:4::1+SENDERID::Internal+RECEIVERID:Qual+20070511:0610+00000000000777'
UNH+06100000417058+DELFOR:D:05A:UN'
Name: EDIFACTDeenvelopeUnified Instance ID:1303804 Service Name: EDIFACT
Deenvelope Service
Compliance Report
```



```

=====
0 warning(s)
2 error(s)
Information:
Report Entry:
  Code: 500 Envelope Information
  Info:
    504: Interchange Header Control Number
    070511:0610          503: Interchange Receiver ID
    RECEIVERID
    502: Interchange Sender ID
    1
    553: Interchange Envelope Name
    Generic_Inbound_Envelope_UNB
    539: Interchange Compliance Status
    REJECT
    537: Interchange Accept Non-Compliant
    NO
    538: Interchange Ack Detail Level
    Interchange
    564:
    565:
    Internal
Error(s):
Report Entry:
  Code: 4 Invalid Date/Time
  Info:
Report Entry:
  Code: 115 Mismatched Interchange Control Numbers
  Info:
    504: Interchange Header Control Number
    070511:0610
    505: Interchange Trailer Control Number
    000000000000345

```

Fix: DevelopeEDIFACT correctly identifies and processes Syntax 4 headers.

Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1981 or later
- ◆ Release 4.2 Build 4205 or later

Fix ID: 35621-1365581

When processing documents, outbound VDA enveloping not working.

Type: Normal Fix

Severity: Normal

Functional Area: Build Map

Symptom: When processing documents outbound VDA enveloping not working; the following error is received:

`com.sterlingcommerce.server.workflow.WorkFlowException`

Fix: Build maps for VDA outbound enveloping changed delimiters.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35315-1365533

Knowledgebase ID: InQuira ID: NFX1067

Component: Enveloping

Type: Normal Fix

Severity: Normal

Symptom: The BldIVDA map does not calculate all the fields in the 819 record for a 4906 transaction set. These fields are mandatory according to the VDA standards.

Fix: Build map (BldIVDA) is modified to populate the totals in the 819 record.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 33929-1364998

Component: Workflow Engine

Type: Normal Fix

Severity: Normal

Symptom: Documents are set to an invalid life span from parent information. If a business process runs mailbox (message) add, and then deenvelope, a Document lifespan is inherited from the mailbox. When this happens, the message is deleted correctly, but the 10-year lifespan remains on the document from deenveloping.

Fix: When doing an assign for the DocId, we need to remove the lifespan from the document to ensure that we are not cloning them from the prior document.

Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1979 or later
- ◆ Release 4.2 Build 4205 or later

Fix ID: 34366-1364898

Problem generating TA1 when it is set to ALWAYS generate a TA1 and there are errors.

Severity: Normal

Type: Normal Fix

Functional Area: X12 De-envelope

Build: 4205

Symptom: Problem generating TA1 when it is set to ALWAYS generate a TA1 and there are errors. This message displays:

ComplianceReport contains unknown information entry: 553

Fix: This error is caused by the addition of the Interchange Envelope name to the Interchange Compliance Report (entry 553). The code that parses the Compliance Report was not written to expect this value.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35736-1365416

Component: EDIFact Deenveloping

Type: Normal Fix

Severity: Normal

Symptom: The EDIFACT Deenveloping service does not run the UNB envelope's error BP when the group or transaction level envelope is not found or the envelope is found but ambiguous (i.e. more than one envelope match).

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 36187-0000000

Component: Deenvelope Service

Type: Normal Fix

Severity: Normal

Symptom: When there are multiple transaction sets contained within a group for an inbound X12 interchange, the transaction correlations get set incorrectly (all transactions get the set ID correlation for the first transaction).

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 36245-1365735

BldIVDA map does not calculate all the fields in the 819 record for a 4906 transaction set

Type: Normal Fix

Severity: Normal

Functional Area: Enveloping

Build: 4205

Symptom: The BldIVDA map does not calculate all the fields in the 819 record for a 4906 transaction set. These fields are mandatory according to the VDA standards.

Fix: Build map (BldIVDA) is modified to populate the totals in the 819 record.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Event Listener

Fix ID: 35015-0000000

Component: Event Listeners

Type: Normal Fix

Severity: Normal

Build: 4205

Symptom: The eventListeners startup fails on certain Linux platforms because the classpath setting can reflect a system classpath setting in addition to the main jar specified from the "java -jar" command. This causes an initialization error when the string is treated as a jar file path when, in fact, it may have other paths concatenated at the end.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

FTP

Fix ID: 34283-1358935

Primus ID: None

Component: SFTP Adapter

Severity: Normal

Type: Normal Fix

Symptom: In GPM, the options for NamesOnly are Yes and No (mixed case). When the business process is run, the parameter is rejected and upper case YES or NO is required.

Fix: Changed function that gets string value to ignore case.

Apply one of these releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1979 or later
- ◆ Release 4.2 Build 4205 or later

Fix ID: 34845-1365137

Status Report from Previous step is being put into Process Data for FTP Client Put Adapter (SCI100513)

InQuira ID: NFX1058

Component: FTP Client Put Adapter

Type: Normal Fix

Severity: Normal

Symptom: FTP Client put service is executed in two steps in any business process. Status Report for second step is copied from previous step into Process Data

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

FixID: 33759-1364087

Type: Normal Fix

Severity: Normal

Build: 4205

Detail: When using FTP Client Put in a business process, the put is performed in two steps. If the status report is written to the process data, the first step will have the first report and the second step will also have the first report. There was a delay in moving the second status report to the Workflow. The move for the report now takes place before the xpath statements are executed

Fix: Changed WorkFlowEngineRMIIImpl to perform a move of the second status report before performing the xpath operations to move information to the process data.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

HTTP

Fix ID: 35576-1365237

Type: Normal Fix

Severity: Normal

Functional Area: HTTP Client Adapter

Build: 4205

HTTP Client Adapter fails with UNEXPECTED_MESSAGE when using SSL & Client Authentication.
Error in Perimeter Log when POST:

```
com.certicom.net.ssl.d: FATAL Alert:UNEXPECTED_MESSAGE - A message out of sequence
was received.
Description: Alert Received.
at com.certicom.tls.interfaceimpl.a.a(Unknown Source)
at com.certicom.tls.interfaceimpl.a.a(Unknown Source)
at com.certicom.tls.record.alert.a.a(Unknown Source)
at com.certicom.tls.record.alert.a.a(Unknown Source)
at com.certicom.tls.record.j.a(Unknown Source)
at com.certicom.tls.record.j.a(Unknown Source)
at com.certicom.tls.record.d.a(Unknown Source)
at com.certicom.tls.record.d.new(Unknown Source)
at com.certicom.tls.record.d.do(Unknown Source)
at com.certicom.tls.interfaceimpl.a.completeHandshake(Unknown Source)
at com.certicom.tls.record.d.read(Unknown Source)
at com.certicom.tls.record.d.read(Unknown Source)
at
com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit.receive(SSLByteDataCon
duit.java:383)
at
com.sterlingcommerce.perimeter.api.conduit.SSLByteDataConduit.canReceive(SSLByteData
Conduit.java:508)
at
com.sterlingcommerce.perimeter.api.conduit.SSLByteConduit.canReceive(SSLByteConduit.
java:273)
at
com.sterlingcommerce.perimeter.api.conduit.DataConduitApiImpl$3.run(DataConduitApiIm
pl.java:236)
```

```

at
com.sterlingcommerce.perimeter.api.scheduler.PooledScheduler$2.run(PooledScheduler.java:234)
at com.sterlingcommerce.perimeter.api.scheduler.TaskNode.run(TaskNode.java:62)
at
com.sterlingcommerce.perimeter.api.scheduler.DebugPooledExecutor$Worker.run(DebugPooledExecutor.java:763)
at java.lang.Thread.run(Thread.java:534)

```

Cause: Determined that the adapter was only attempting to load the client certificate id from the business process.

Fix: Changed the adapter to attempt to load the client certificate id from the trading partner profile, if one exists, in cases where the certificate id is not in the business process.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35709-1362966

The WS-I Basic Profile standard requires that all SOAP faults be sent with a 500 HTTP error status.

Component: SOAP and HTTP Adapters

Type: New Functionality

Severity: Normal

Currently, GIS sends these faults with a 200 status. If the user attempts to force a 500 status to be returned, then a default Jetty error message is returned to the user rather than the SOAP fault document. This enhancement adds functionality to the SOAP Outbound Adapter, B2B HTTP client/server, and Perimeter HTTP client/server adapters.

To enable this new functionality, the following assignment needs to be added to all SOAP Outbound adapters used in the flow:

```
<assign to=""></assign>
```

Direct access to process data must be provided for the “MessageFromService” to leverage the automatic communication of certain parameters to the HTTP client/response adapters. The HTTP adapters must also allow for direct access to process data on the “MessageToService” side in order for them to read the parameters passed from the SOAP Outbound service.

If this access is not provided, than the following must be manually passed to the HTTP client/response adapter:

```

<doc-has-headers>true</doc-has-headers>
<status-code>500</status-code>
<xport-raw-xresponse>true</assign>
<xport-doc-on-error>true</assign>

```

The default behavior for the system will remain to return 200 statuses with SOAP fault messages as well as act as it did previously when faced with a 500 status.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Indexing

InQuira ID: NFX1163

Title: Syntax error in indexing query causing re-indexing logic to fail

Description: Index Service

Problem is applicable to all databases, but DB2 issues an error.

When the re-index portion of the index service runs, the following error may be seen in the wf.log:

```
[2007-07-01 18:03:14.552] ERROR 000110010216 WORKFLOW.WORKFLOW.ERR_getMovableIds1
com.sterlingcommerce.server.workflow.WorkFlowMonitor .getMovableIds() caught
SQLException.
[2007-07-01 18:03:14.552] ERROR SQL Error Code: -401
[2007-07-01 18:03:14.552] ERROR SQL State: 42818
com.ibm.db2.jcc.a.SQLException: DB2 SQL error: SQLCODE: -401, SQLSTATE: 42818,
SQLERRMC: =
```

Functional Area: Index

Escalation ID: QC

Resolution: The query query.wfm_getMovableIds_s3 in jdbcworkflow.properties is corrected.

Please apply Gentran Integration Suite, Release 4.2 Build 4205 or higher.

Fix ID: 34770

Severity: Normal

Type: Normal Fix

Build: 4205

Installer

Fix ID: 35069-1365026

Component: Installer

Type: Normal Fix

Severity: Normal

Symptom: In the predefined business process EDIOutboundBootstrap installed on Windows, the character “/” appears in the file path instead of the “\” character.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Mailboxing

Fix ID: 34163-1364860

Component: Mailboxing

Type: Normal Fix

Severity: Normal

Build: 4205

Fix: Eliminate duplicate mailbox entries displayed on the MBI main screen if the user is other than admin and it is defined with a Group Permission of Mailbox Admin.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 36042-1365094

Primus ID: Not available

Component: Mailbox

Type: Normal Fix

Severity: Normal

Symptom: While extracting a file from Mailbox via MBI (Through HTTP), the "Policy Value" decreases even if we do "cancel" to extract on the popup screen. The file will never be extracted if the value for that is set as "1", once we cancelled.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Map Editor

Fix ID: 34287-1364696, 35576-1364696

Inquire ID: SCI99259

Component: Map Editor

Type: Normal Fix

Severity: Normal

Symptoms: PCData level extended rule incorrect compiles without error when referencing elements on the output side of the map.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35274-1365504

Inquire ID: SCI102656

Component: Map Editor

Type: Normal Fix

Severity: Normal

Symptoms: Element content is invalid according to the DTD/Schema. Expecting:

{<http://www.stercomm.com/SI/Map>}INPUT

Cause: A standard rule is mapping text 9 to a field.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35093-1365030

Inquire ID: SCI75256

Component: Map Editor

Type: Normal Fix

Severity: Normal

Symptoms: When saving map as an .xml format, getting error that minLength Constraint failed; has an invalid value according to the data type if the map has an element that has a min/max setting of 0 and 0 as the length in the field properties.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Perimeter Server

Fix ID: 35001-1365380

Perimeter Server is creating excessive logging.

Functional Area: Perimeter Server

Symptom: Solaris 10 and the JVM have a bug that causes an external Perimeter Server to generate excessive IOException logging.

Fix: The following change has been incorporated into the PS startup script:

```
-Djava.nio.channels.spi.SelectorProvider=sun.nio.ch.PollSelectorProvider
```

Apply Gentran Integration Suite Release 4.2 Build 4205 or later and reinstall the perimeter server with the 4205 perimeter server jar.

SAP Suite Builder

Fix ID: 35176-1365362

Inquire: Inquire ID: NFX1063

Component: SAP Suite Builder / SchemaGenerator

Type: Normal Fix

Severity: Normal

Symptoms: If a BAPI Schema from SAP is downloaded via GIS Deployment > Adapter Utilities > SAP Suite Builder, it passes error as invalid schema structure when viewed.

Cause: This was due to an wrong sequence being generated for the xsd.attribute within the complextype in the SAP schema.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Security

Fix ID: 35117-1360519

Component: Security

Type: Normal Fix

Severity: Normal

Symptom: /ws interface for GIS will lock a user out after x number of failed attempts based on the ui.properties ConsecFailedAttempts value. However the /dashboard interface does not lock a user out after x number of failed attempts.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Services and Adapters

Fix ID: 35114-000000

Component: Command Line Adapter (CLA)

Type: Normal Fix

Severity: Normal

Build: 4205

Symptom: The old CLA BPML (with RMI format) does not override the service configuration values that the new Command line adapter service created.

Fix: Made change to give old CLA parm "rmiAddr" precedence over service level values for remoteName and remotePort.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35125-1365078

Primus ID: Not available

Component: Security

Type: Normal Fix

Severity: Normal

Symptom: A non-admin/super user can create a super user account. This has security concerns, as a User can grant super user access to a user account, then access that account for full system access.

Fix: Prevent non-super users with Account access from creating users or groups that contain the Sterling Integrator Admin group through the User or Group Account wizards.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35180-1365078

Primus ID: Not available

Component: User Interface

Type: Normal Fix

Severity: Normal

Symptom: The password for a new user logging in for the first time can be changed at login without providing the correct original password if the user is accessing GIS via the Dashboard UI. This problem does not occur via the Admin user interface.

Fix: The test for valid old password occurred after the password was changed, causing the reoccurring errors, and the changed password. Added old password validation test before new password validations.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35189-1365457

Primus ID: Not available

Component: SAP Adapter

Type: Normal Fix

Severity: Normal

Symptom: In the SAP Routes Cross Reference, it is not possible to select VDA Envelopes.

Fix: Changed the SAP inbound and outbound User Interface queries in jdbc.properties.in to add the VDA type.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35572-1362928

Document Extraction Service halts on bad documents.

Functional Area: Document Extraction service "ErrorBP"

Symptom: When processing outbound documents, if some documents contain errors, the Document Extraction Service halts and does not process the good documents.

Fix: Added a new parameter to the Document Extraction service "ErrorBP" to allow the user to specify a business process that gets run on error documents. This new business process that is executed will only trap if there is a problem encoding the document or if there is an error enveloping document(s). Note that if ErrorBP is specified with the "BatchLikeDocuments" equal to Yes flag, it will output all the like documents that would have been enveloped in that batch had it been successful.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35606-1364776

Component: WebSphereMQ Adapter

Type: Fix

Severity: Normal

Symptom: The WebSphereMQ Adapter was not closing stale sessions correctly.

Fix: Change the logic to close a stale session when it is detected.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35693-1365594

LWJDBC adapter fails if document encryption is enabled.

InQuira ID: NFX1060

Component: LWJDBC Adapter

Type: Normal Fix

Severity: Normal

Symptom: LWJDBC adapter fails with java io error if document encryption is enabled. System logs have following error (truncated):

```
LightweightJDBCAdapter.processdata caught io exceptionjava.io.IOException: Internal
stream is null. Most likely it was already closed before.
  at
  com.sterlingcommerce.woodstock.workflow.crypto.DocumentCipherOutputStream.close(Docu
mentCipherOutputStream.java:99)
  at
  com.sterlingcommerce.woodstock.services.jdbc.lightweight.LightweightJdbcAdapterImpl.
processData(LightweightJdbcAdapterImpl.java:589)
  at
  com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1577)
  at
  com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:569)
  at
  com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:347)
  at
  com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:277)
```

Fix: Apply Gentran Integration Suite release 4.2 Build 4205 or later.

Fix ID: 35698-1362960

EJB Client invoking a business process in SYNCH mode did not wait for business process to complete. It returned right away.

Component: EJB Adapter

Type: Core

Severity: Critical

Symptom: EJB Client, when invoking a business process in SYNCH mode, did not wait for business process to complete, it returned right away. The scenario is as follows:

When a business process is invoked using an EJB Adapter in GIS via an external EJB AppServer. The EJB call from external AppServer returns without waiting for the business process to finish. The calling program cannot get the status of the business process the using the context created. So the calling program can never find out when the business process completes.

Fix: Apply Gentran Integration Suite, Release 4.2 Build 4205 or later.

Fix ID: 35700-1364651

No business process permissions are checked when starting a workflow via EJB adapter

InQuira ID: NFX1090

Severity: Critical

Type: Normal Fix

Functional Area: EJB Adapter

Symptom: The product only uses Username/Password to login. If that is passed correctly, that user is allowed to execute the EJB command. The permission on the business process is not checked against the user.

Scenario: Create a EJB listener adapter in GIS and set up an EJB client in another appserver. Call any business process using a valid user/pass. Even if the business process you are trying to execute has permissions to be executed by (for example) an "admin" user, any other user can still execute that business process.

Fix: The user is now matched against the permissions of the business process.

Apply Gentran Integration Suite, Release 4.2 Build 4205 or later.

SSH

Fix ID: 35682-1365179

When creating a SSH profile, passwords containing some special characters are not treated as valid passwords.

Primus ID: None

Component: Vendor

Type: Critical

Severity: Critical Impacting

Symptom: When attempting to create the SSH Remote Profile and enter a password (with the \$ and !) into the SSH Password field, the password is rejected saying that the following special characters are not allowed: ! @ # % ^ * () + ? , < > { } [] | ; " ' and space.

Fix: This happens because the validation schemes used for name, id validations do not allow some special characters: () + ? , < > { } [] | ; " '. The validation method for password under SSH is modified so that it uses the validation scheme used by other pages in the user interface for passwords. This will allow a few more special characters in passwords.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

SOAP

Fix ID: 33171-1361633

Primus ID: None

Component: SOARequestHandler service

Type: Normal Fix

Severity: Normal

Symptom: Unexpected content in process data element after inbound SOAP message. The XML is invalid.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

System Requirements - Third Party Software

Fix ID: 34334-1362309

Support of Oracle 10.2.0.2 jdbc drivers

Type: Normal Fix

Severity: Normal

Build: 4205

Description: Documentation currently specifies that we support the Oracle 10.1.0.3 and 10.1.0.4 drivers which are no longer available from Oracle.

Functional Area: Database

Fix: Support of Oracle 10.2.0.2 jdbc drivers added.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Trading Partners

Fix ID: 34480-1360976

Primus ID: SCI97291

Component: Support Tools for Trading Partner Profiles

Type: Normal Fix

Severity: Normal

Symptoms: The GIS_INSTALL\tp_import\convert.cmd completes successfully but produces no output, and no report on windows systems. The equivalent GIS_INSTALL\tp_import\convert.sh works on Linux/Unix at the same patch level and produces the output.

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1979 or later
- ◆ Release 4.2 Build 4205 or later

Translation

Fix ID: 34231-1365189

SQL Map using Float Data type for Key fields and translator goes into infinite loop.

Type: Core change

Severity: Normal

Functional Area: Translation

Symptom: SQL Map using Float Data type for Key fields and translator goes into infinite loop because keys are not matching due to precision of float data types.

Cause: BigDecimal support has been implemented in the translator. Whether or not BigDecimal mode is used, a wrapper class named SmartReal is used in storage to contain either double or BigDecimal values. When key fields are used for matching, the method checkKeyFields in SimpleFieldProcessor calls the “equals” method on the storage Object to determine whether or not a match exists. However, the SmartReal wrapper class did not override and implement the equals method and the Comparable interface. Therefore, when the equals method was called the default implementation was used which compares hash codes. This comparison is wrong and it resulted in legitimate matches not being recognized.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35758-1365190

Component: Translation

Type: Normal Fix

Severity: Normal

Symptom: In the compliance report, the CII Sender Stationed Receiver VAN Code is shown instead of the CII Sender Stationed VAN Code.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later

Fix ID: 34491-1363550

Primus ID: None

Component: Translator

Type: Normal Fix

Severity: Normal

Symptoms: When using MapTest, if the map goes into an infinite loop because of a problem in the extended rules, the thread and business process can not be stopped. A restart of GIS is required.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 34718-1365280

X12Deenvelope service throws null pointer exception when Document Encryption is enabled.

InQuira ID: NFX1050

Component: Translation Ansi X12

Type: Normal Fix

Severity: Normal

Symptom: X12DeEnvelope service throws null pointer exception when Document Encryption is enabled.

The following error is observed in wf.log:

```
java.lang.NullPointerException
  at
com.sterlingcommerce.woodstock.workflow.crypto.DocumentCipherOutputStream.getBytesWritten(DocumentCipherOutputStream.java:133)
  at
com.sterlingcommerce.woodstock.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.processTransactions(DeenvelopeX12ServiceImpl.java:1574)
  at
com.sterlingcommerce.woodstock.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.processGroups(DeenvelopeX12ServiceImpl.java:1231)
  at
com.sterlingcommerce.woodstock.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.processData(DeenvelopeX12ServiceImpl.java:261)Following error is observed in edi.log

java.io.IOException: Internal stream is null. Most likely it was already closed before.
  at
com.sterlingcommerce.woodstock.workflow.crypto.DocumentCipherOutputStream.close(DocumentCipherOutputStream.java:98)
  at
com.sterlingcommerce.woodstock.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.processInterchange(DeenvelopeX12ServiceImpl.java:1027)
  at
com.sterlingcommerce.woodstock.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.processData(DeenvelopeX12ServiceImpl.java:260)
  at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1577)
  at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:569)
```

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35472-1364622

InQuira ID: SCI100999

Component: Translation

Type: Normal Fix

Severity: Normal

Symptom: Incorrect values when dividing with field names.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35123-1363292

Output incorrect when number of records in input file exceed the value of "storage.CacheSize" parameter.

Type: Normal Fix

Severity: Normal

Functional Area: Translator

Build: 4205

Symptom: The storage.CacheSize parameter in translator.properties can limit the number of records for the input file. The default value is 7000. If the input contains 8000 records, 7000 records translate correctly. The output of the remaining 1000 records is incorrect.

Fix: A fix has been provided that will produce the correct output when the number of records in the input exceeds the value of the storage.CacheSize parameter in translator.properties.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35125-1365121

Inquire ID: SCI102277

Component: Translation

Type: Normal Fix

Severity: Normal

Symptoms: When comparing a real to an integer, the value of the real is converted to an integer.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35408-1365081

Inquire ID: SCI102033

Component: Translation

Type: Normal Fix

Severity: Normal

Symptoms: Code: 301 Mandatory Group Missing incorrectly issued listing the Element name. The error is on a Mandatory Element if it is a child to a Conditional Particle.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35604-0000000

Severity: Normal

Component: Translator

Type: Normal Fix

Build: 4205

Symptom: Turning on BigDecimal support for a specific map works when the default mode of GIS is double primitive. However, the opposite case does not work: turning on double-primitive mode when the default mode of GIS is BigDecimal fails to use double-primitive storage.

Fix: SmartReal.java: In the method, isBigDecimalMap, set property isBigDecimal to false if the map has been defined in translator.properties (or customer overrides) as not using BigDecimal mode.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

InQuira ID: NFX1091

Title: Receiving -1 value for integer fields in the output file when processing large amounts of data.

Description: Integer fields (Data Type: Numeric, Format: N0) on the output side of a map are output field a value of -1 and not the value from the input file.

The storage.CacheSize parameter in translator.properties can limit the number of records for the input file. The default value is 7000. If the input contains 8000 records, 7000 records will translate correctly. However, the remaining 1000 records could receive a -1 value for integer fields.

The translator uses the Java Long data type for the Integer data type in the Map Editor. The issue can occur when the translator writes a negative long to the disk after converting it to bytes, and then reads the bytes again to convert them back to the original value.

Functional Area: Translator

Escalation ID: 1363292

Resolution: Apply Gentran Integration Suite, Release 4.1.1 Build 1981 or higher.
Apply Gentran Integration Suite, Release 4.2 Build 4205 or higher.

Fix ID: 35123, 36606

Severity: Normal

Type: Normal Fix

Build: 4205, 1981

Upgrade

Fix ID: 35474-0000000

Component: Upgrade

Type: Normal Fix

Severity: Critical Impacting

Build: 4205

Symptom: Failure when upgrading from 4.1.1 to 4.2. Upgrade fails with the following error:

```
Error(1430) ALTER TABLE USER_PREF ADD AUTOCOMPLETE INT NULL1430
java.sql.SQLException: ORA-01430: column being added already exists in table
  at oracle.jdbc.driver.DatabaseError.throwSQLException(DatabaseError.java:125)
  at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:305)
  at oracle.jdbc.driver.T4CTTIoer.processError(T4CTTIoer.java:272)
  at oracle.jdbc.driver.T4C8Oall.receive(T4C8Oall.java:626)
  at oracle.jdbc.driver.T4CStatement.doOall8(T4CStatement.java:113)
  at oracle.jdbc.driver.T4CStatement.execute_for_rows(T4CStatement.java:561)
  at
  oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(OracleStatement.java:1081)
  at
  oracle.jdbc.driver.OracleStatement.executeUpdate(OracleStatement.java:1483)
  at com.sterlingcommerce.db.MakeDb.executeSQLBase(MakeDb.java:1076)
  at com.sterlingcommerce.db.MakeDb.executeSQL(MakeDb.java:984)
  at com.sterlingcommerce.db.MakeDb.runFile(MakeDb.java:812)
  at com.sterlingcommerce.db.MakeDb.runFile(MakeDb.java:674)
  at com.sterlingcommerce.db.MakeDb.install(MakeDb.java:396)
  at com.sterlingcommerce.db.MakeDb.doIt(MakeDb.java:245)
  at com.sterlingcommerce.db.MakeDb.callable(MakeDb.java:176)
  at
  com.sterlingcommerce.woodstock.install.module_loader.ServiceInstall.runDbScripts(ServiceInstall.java:1449)
  at
  com.sterlingcommerce.woodstock.install.module_loader.ServiceInstall.doServiceCommonTasks(ServiceInstall.java:752)
  at
  com.sterlingcommerce.woodstock.install.module_loader.ServiceInstall.installService(ServiceInstall.java:589)
  at
  com.sterlingcommerce.woodstock.install.module_loader.ServiceInstall.install(ServiceInstall.java:243)
  at
  com.sterlingcommerce.woodstock.install.module_loader.ServiceInstallDriver.doIt(ServiceInstallDriver.java:164)
  at
  com.sterlingcommerce.woodstock.install.module_loader.ServiceInstallDriver.main(ServiceInstallDriver.java:63)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
  at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:39)
  at
  sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)
    at java.lang.reflect.Method.invoke(Method.java:324)
  at
  com.sterlingcommerce.woodstock.install.module_loader.ServiceInstallBootstrapper.doIt(ServiceInstallBootstrapper.java:94)
  at
  com.sterlingcommerce.woodstock.install.module_loader.ServiceInstallBootstrapper.main(ServiceInstallBootstrapper.java:58)
```

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

User Interface

Fix ID: 32697-1363836

Inquire ID: SC1100320

Component: Import Service From user interface

Type: Normal Fix

Severity: Normal

Symptom: Import Service from user interface is slow when importing Users/Permissions/Groups. Customer data in Support Case shows that GIS took 5 minutes to import the file from user interface, but took only one minute to import from Command Line. Thread dumps show that refresh cache is the problem.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35035-1364144

Inquire ID: NFX1059

While exporting resources, the existing "To Be Exported" list disappears if Enter key is pressed.

Component: User Interface

Type: Normal Fix

Severity: Normal

Symptom: While exporting resources, the existing "To Be Exported" list disappears if Enter key is pressed instead of clicking filter button for a new filter (with the exception of the one that was highlighted).

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1979 or later
- ◆ Release 4.2 Build 4205 or later

Fix ID: 35316-1365239

Problems navigating Control Number History screens (SC1102540).

Type: Normal Fix

Severity: Normal

Knowledgebase ID: Inquire ID: NFX1010

Functional Area: Control Number History screen

Symptom: Moving to the next screen of data in Control Number History throws the user out of Control Number History and into the Transaction Register screen.

If there is more than one screen of data in the Control Number History screen and the user tries to go to the next screen, the user is jumped to the Transaction Register search screen.

Cause: CtrlNoHistoryListBean.java was hardcoded to load the wrong page.

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1979 or later
- ◆ Release 4.2 Build 4205 or later

Fix ID: 35368-1365470

Primus ID: Not available

Component: User Interface

Type: Normal Fix

Severity: Normal

Symptom: In Admin user interface(/ws), the drop-down menu overlaps search fields in Reports user interface.

Cause: <div> tag missing from the reportmanagement.jsp file for the type field.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35682-1365179

User interface errors occur when special characters are entered for the password for the SSH Remote Profile.

Type: Normal Fix

Severity: Normal

Build: 4205

Functional Area: User Interface

Symptom: While creating SSH profile, passwords containing some special characters are not treated as valid passwords.

Cause: This happens because some special characters are not allowed in the validation schemes used for name,id validations.

Resolution: The validation method for password under SSH has been modified to use the validation scheme used by other pages in user interface for passwords.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 35873-1365490

Component: User Interface

Type: Normal Fix

Severity: Normal

Build: 4205

Fix: The login Communication Sessions Monitor entries have been removed from the display altogether as not essential. It was found that up to three entries were being created just as the login panel displayed (before the user logged in). None of the other login panels registered any entries on the communications panel, so all of the messages were removed to be consistent. The Authentication log contains entries for each login, so the user can obtain login information there.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Workflow Engine

Fix ID: 34137-1364267

Component: Workflow Engine

Type: Normal Fix

Severity: Critical

Symptoms:

- ◆ Workflow engine threads are being registered with the services controller but not unregistered. This causes continuous growth of an internal data structure which in most cases will lead to an OutOfMemory condition. Similar errors like the following will exist in the servicesctl.log log file:

```
SERVICES.SERVICES_CONTROLLER.ERR_wfeUnregister wfeUnregister():Less that 3 threads in stack.
SERVICES.SERVICES_CONTROLLER.ERR_incorrect Thread Stack incorrect stack = [
```

- ◆ Troubleshooter page misreports an unusually high number of Active Threads.

Fix: No longer register thread for step 0 in Workflow Engine. Only count thread after workflow is out of queue and running in Activity Engine. Removed register/unregister thread in Workflow Engine.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Fix ID: 34334-1362309

Type: New Functionality

Severity: Normal

Build: 4205

Functional Area: Workflow Engine

Fix: When doing an assign for the DocId, we need to remove the lifespan from the document to ensure that we are not cloning them from the prior document.

Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1979 or later
- ◆ Release 4.2 Build 4205 or later

Fix ID: 34997-1365194

Primus ID: SCI95070

Component: Workflow Engine

Type: Critical Fix

Severity: Critical (AIX OS only)

Symptom: OutOfMemory errors occur when running business processes having a large number of steps (in

the thousands).

Cause: Internal data structure holding ExecutionStatus grows as steps are persisted. Such growth will have no impact in most use cases. Problem observed only on AIX OS with looping business process resulting in thousands of steps; the data structure may grow too large relative to available memory.

Fix: Removed call to updateExecutionStatus.

Apply Gentran Integration Suite Release 4.2 Build 4205 or later.

Build 4204 Product Enhancements and Fixes

Build 4204 Product Enhancements

Note: For information on the SPOE and SWIFTNet enhancements in this build, see the Gentran Integration Suite 4.2 Documentation Updates at <http://www.sterlingcommerce.com/Documentation/GIS42/DocUpdates.htm>

The following product enhancements have been added to Build 4204:

- ◆ AS2
- ◆ Command Line Adapter/Command Line 2 Adapter
- ◆ Connection Pools
- ◆ HTTP Server Adapter
- ◆ Support Tools

AS2

Fix ID: 32586-1358286

Component:AS2

Type: New Functionality

Severity: Normal

The existing predefined AS2 business processes have been enhanced. They now include enhanced retry logic to each partner, and a parameter that enables you to specify how many files to retrieve from a partner's file system during each scheduled interval. This enables Gentran Integration Suite to stop send attempts to a partner's system when it is down. This limits how many processes spawn ends at any one time, preventing GIS from overloading itself and a given partner with a flood of sends all at once.

This included an added parameter in the trading partner UI setup of a file system based partner to feed the scheduled FSA with the number of files to pick up at any given time.

Fix ID: 32642-1364227

Component: AS2

Type: New Functionality

Severity: Normal

AS2 business processes that used the retiring B2B HTTP Client adapter (specifically the business processes used to send MDNs back to requester) have been updated to use the HTTP Client adapter. Previously the EDIINT Message Service was configured to use the HTTPSendAsynch process to send back the asynchronous MDN, but now the EDIINT Pipeline Service uses the HTTPClientSend process, which has been updated to have a default response timeout for this purpose, and uses the new HTTP Client adapters.

Command Line Adapter/Command Line 2 Adapter

Fix ID: 33533-1365010

Component: Command Line Adapter - CLA/CLA2

Type: Core

Severity: Critical

Addition of CLA2 Windows Service

This requirement was a prerequisite of the separate requirement of the Command Line adapter (CLA) being absorbed by the Command Line 2 adapter (replaced seamlessly). Because the Command Line 2 adapter depends on the availability of an external client running in a JVM outside of Gentran Integration Suite, we needed to implement a default instance of the Command Line 2 adapter that was managed by us.

On Windows, all Gentran Integration Suite processes run as Windows services. We now have a default Command Line 2 adapter instance running as a Windows service.

The listener port for the Command Line 2 adapter service will be determined automatically at build installation.

New Deliverables

Startup and shutdown of the default Command Line 2 adapter instance have been integrated into the existing startup/shutdown sequences on Windows, driven by startWindowsService.cmd and stopWindowsService.cmd.in.

Newly added .cmd files that specifically control the Command Line 2 adapter client service are:

- ◆ installCLA2WindowsService.cmd.in
- ◆ uninstallCLA2WindowsService.cmd.in
- ◆ startCLA2WindowsService.cmd.in
- ◆ stopCLA2WindowsService.cmd.in

Expected Behavior

The following items can serve as a baseline validation checklist for the new Command Line 2 adapter windows service:

1. Upon installation of build 1977 a new Windows Service is created by the name of “Gentran Integration Suite CmdLine2Adapter at port ...”
2. The service is in a state of “Running” once Gentran Integration Suite is started.
3. The service is in a state of “Stopped” when Gentran Integration Suite is shut down.
4. The service can be started/stopped independently of Gentran Integration Suite using the start/stopCLA2 cmd files.
5. An entry exists in <install_dir>/properties/sandbox.cfg for CLA2_PORT.

Fix ID: 33534-1365010

Component: Command Line Adapter - CLA/CLA2

Type: Core

Severity: Critical

Seamless replacement of CLA with Command Line 2 Adapter

The Command Line adapter (CLA) is being absorbed by the newer Command Line 2 adapter (CLA2). Following the installation of the 1977 service pack, all service calls to the Command Line adapter will be handled/processed by Command Line 2 adapter. The primary reason for doing this is to benefit from the stability of the Command Line 2 adapter architecture and its ability to handle larger files more effectively.

Caution: Important: All deployed instances of the CLAClient.jar file must be manually replaced with CLA2Client.jar. See *Command Line 2 Adapter* for instructions on deploying and configuring the CLA2Client.jar file under the section *Invoking the Command Line 2 Adapter*. This action is required for ALL remote instances of CLAClient.jar to avoid business process failures.

If you’re not utilizing remote invocations of Command Line adapter and/or do not have instances of Command Line adapter utilizing the rmiAddr instance parameter, this action is not required.

New Deliverables

Gentran Integration Suite now manages a default local instance of the Command Line 2 client. Startup and shutdown are integrated into the existing startup/shutdown processes (run.sh, hardstop.sh, startWindowsService.cmd, stopWindowsService.cmd). On UNIX, Gentran Integration Suite includes the following scripts: startCmdLine2.sh, stopCmdLine2.sh. On Windows, Gentran Integration Suite includes the following scripts: startCLA2WindowsService.cmd and stopCLA2WindowsService.cmd.

The Command Line adapter and Command Line 2 adapter now share the same service definition. Although for this release, you will continue to see both services within the UI service configuration and install screens, they are one and the same. Creating a new service instance for the Command Line adapter is functionally identical to creating a Command Line 2 adapter instance.

Expected Behavior

Business processes utilizing the Command Line 2 adapter will continue to function as they always have. The default behavior of the Command Line 2 adapter was not modified. Business processes utilizing Command Line adapter must maintain backward compatibility. All business processes making Command

Line adapter calls should continue to function without the need for modifications at the service instance definition or business process levels.

For backward compatibility, Command Line 2 adapter now recognizes the following Command Line adapter service parameters:

- ◆ cmdl_debug
- ◆ initialWorkFlowId
- ◆ rmiAddr

These parameters are supported only at the business process level. For additional information on these parameters, see the Gentran Integration Suite documentation website.

Connection Pools

Fix ID: 32619-1362964

Component: Connection Pools

Type: New Functionality

Severity: Normal

When the connection pool exceeds the max size, email alert notifications are now sent and warnings are written to the noApp log. When the connection pool exceeds the max size, the connection max size parameter is set too low, and performance could be affected.

Background: Three pool size parameters are important when tuning a connection pool in Gentran Integration Suite: `initSize`, `maxSize`, and `bufferSize`.

Parameter	Description
<code>initSize</code>	The number of connections that are created when the JVM loads. Recommended value: 1
<code>maxSize</code>	<p>The number of connections to be created and left in the pool for reuse.</p> <p>When the application needs a connection, it will first see if a connection exist and is available.</p> <ul style="list-style-type: none"> ◆ If it is, then it will use the available connection and put it back on the pool when finished. ◆ If not, it will create a new connection, and if this is under the <code>maxSize</code>, then it will put it back on the pool when finished. <p>The goal is to set <code>maxSize</code> high enough that it will never be exceeded, especially during peak load when performance is most important.</p>

Parameter	Description
bufferSize	<p>This is the number of connections beyond the maxSize that are a part of the pool for reuse.</p> <p>Going beyond the max size means the application has the overhead of creating a new connection each time one is needed. This involves going to the driver, negotiating a connection with the database, using the connection, then destroying the connection when finished. This can be a very expensive operation. The goal is to never need to run Gentran Integration Suite within the bufferSize.</p> <p>The added alert indicates that you have exceeded the maxSize and experiencing additional overhead.</p>

Fix: This was changed in the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1977 and later
- ◆ Release 4.2 Build 4204 and later

HTTP Server Adapter

Fix ID: 29953-1358286

Component: HTTP Server Adapter

Type: New Functionality

Severity: Normal

Added new functionality to the HTTP Server Adapter to provide a mandatory field called Queue Depth Threshold. This parameter will allow the adapter to determine if system load is too high to accept a new business process invoke request, based on the sum of the business process queue depths. If exceeded, the adapter will return a 503 to the requestor, and not invoke a business process. Setting this value to 0 will turn this feature off.

A new service instance parameter has been added and exposed in the UI. A threshold can be set at the instance level per “Total Business Process queue depth threshold:” field in the UI under the HTTP Connections Properties page of the wizard.

Support Tools

Fix ID: 32646-0000000

Component: Support Tools

Type: New Functionality

Severity: Normal

A New JVM Monitor Page Has Been Added Under Operations > System > Performance > JVM Monitor. This support tool enables you to:

- ◆ Take a thread dump from UI

- ◆ It also provides the user with options to enable heap dumps to be taken while taking a thread dump
- ◆ Download and delete the dumps taken from the system
- ◆ Finally, the user can enable GC output (garbage collector)

Note: The JVM Monitor page is available only for LINUX, AIX, SUN-OS, HP-UX platforms. The heap dump option is available only on LINUX and AIX platforms.

Fix ID: 32648-0000000

Component: Support Tools

Type: New Functionality

Severity: Normal

Dump_info.[cmd|sh] is a Support tool that is used to gather environment information about your Gentran Integration Suite install. This tool has been enhanced to also include information about the product license type. ViewLicense.class has been added and called from dump_info to provide this additional information.

Build 4204 Product Fixes

The following issues have been resolved in Gentran Integration Suite 4.2 Build 4204:

- ◆ AS2
- ◆ BPML
- ◆ Connect:Direct and Connect:Enterprise
- ◆ Database
- ◆ Enveloping
- ◆ Indexing/Archive/Purge
- ◆ Installation
- ◆ Mapping/Map Editor
- ◆ Lock Manager
- ◆ Operations
- ◆ Reporting
- ◆ Services and Adapters
- ◆ SWIFTNet
- ◆ Translator
- ◆ Upgrade
- ◆ User Interface
- ◆ Workflow Engine

AS2

Fix ID: 32693-1364216

Primus ID: SC1100704

The paths for the inbound and outbound folders do not have a 25-character limit restriction.

Component: AS2 Wizard

Severity: Normal

Type: Normal Fix

Symptoms:

- ◆ Cannot specify more than 25 characters for the error log folder when creating an AS2 trading partner using the AS2 wizard.
- ◆ When the AS2 wizard is used to create a TP setup, at the Collection page, GIS shows the default path for the error log folder.
`<InstallDirectory>/as2partner/TPname/error`
- ◆ Modification of the folder path in order to specify more than 25 characters is not possible. Fix: This issue has been corrected in Gentran Integration Suite Release 4.2 Build 4204.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Fix ID: 32807-1364670

Primus ID: SC1101221

Component: AS2 Trading Partner Wizard

Type: Normal Fix

Severity: Normal

Symptom: AS2 utilizing GIS mailboxing does not pickup files from mailboxes and outbound AS/2 data fails.

Fix: When the partner is saved, a check for this schedule enables the schedule if it is not on. The schedule name is pulled from the ui.properties file by way of `as2_mbox_auto_route_rule_sched_name`. The default name is "MailboxEvaluateAllAutomaticRules."

Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

BPML

Fix ID: 33060-0000000

Component: BPML (recover.bpml.in)

Severity: Normal

Type:: Normal Fix

Symptom: Lock created within recover.bmpl is not released within onFault.

Fix: Updated recover.bpml.in so that, if an error occurs, the onFault will use the same Lock Key to release the lock.

Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Connect:Direct and Connect:Enterprise

Fix ID: 32256-1360919

Primus ID: Not available

Component: ConnectDirectServerAdapter

Type: New Functionality

Severity: Normal

Symptom: Connect Direct Server Adapter logs the incorrect CA certificate in the dmi visibility client auth event.

FTP and Connect Direct Server Adapter Authentication Logs (authentication.log)

FTP and Connect Direct Server Adapter now logs X.509 certificate chains submitted to Gentran Integration Suite for SSL Client Authentication. The certificate chains, along with the remote IP address, adapter name and type, are logged in the Authentication log along with the success or failure of the SSL Client Authentication attempt. This new feature is controlled by a new parameter in the security.properties file. The default setting is "all."

Property	Description
ssl_client_auth_logging	The level of logging for client authentication. Valid values are: all – log all SSL_Client_Auth activity disable – disable this logging feature
N	An integer greater than zero that enables SSL_Client_Auth logging yet limits the depth of the logged certificate chain to N levels

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Fix ID: 32855-1359524

Component: Connect Direct Interop

Severity: Normal

Type: Normal Fix

Symptom: When executing CEUServerAddService more than one time within a business process (such as in a loop), this error displays:


```
ERROR CEUServerAddService - Caught exception of type
[com.sterlingcommerce.woodstock.ceuinterop.CEUInvalidParameterException], with
message [Interoperability with Connect:Enterprise Unix Server invalid parameter parm:
BOOLEAN value: [true]]
```

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Database

Fix ID: 32597-0000000

Component: Database

Severity: Normal

Type: NormalFix

Symptom: When creating a user with a password longer than 6 characters, this SQL error displays:

```
ERROR SQL State: 42S22
java.sql.SQLException: [Microsoft][SQLServer 2000 Driver for JDBC][SQLServer]Invalid
column name 'AUTOCOMPLETE'.
```

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Enveloping

Fix ID: 32539-1363894

Primus ID: SCI101460

Component: DeenvelopeService

Severity: Normal

Type: Normal Fix

Symptom: Processing a large input file with thousands of transaction sets per interchange in batch mode through X12Deenvelope causes the process to hang or fail with an out of memory.

Cause: The system is writing the transaction set control number to process data for each transaction causing process data to grow very large in size.

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 32548-1363333

Primus ID: SCI99747

Component: DeenvelopeService

Severity: Normal

Type: Normal Fix

Symptoms:

- ◆ Blank ST/SE in ANSI X12 are not handled properly during deenvelope.
- ◆ When a blank ST/SE is present at the beginning of the document, it throws an error - 'resetting to invalid mark.'
- ◆ When blank ST/SE is at the end of document, business process gets into the loop and doesn't come out of X12 Deenvelope Service and keep throwing system alerts.
- ◆ ERROR ActivityEngineHelper.invokeService() caught exception while attempting to execute service DeenvelopeX12

```
com.sterlingcommerce.woodstock.workflow.WorkFlowException: Resetting to invalid mark
at
com.sterlingcommerce.woodstock.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.processTransactions(DeenvelopeX12ServiceImpl.java:1854)
at
com.sterlingcommerce.woodstock.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.processGroups(DeenvelopeX12ServiceImpl.java:1168)
at
com.sterlingcommerce.woodstock.services.edi.deenvelopex12.DeenvelopeX12ServiceImpl.processData(DeenvelopeX12ServiceImpl.java:253)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:2046)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:601)
at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:323)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:585)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:495)
at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:462) at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:432)
at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:316)
at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:518) at java.lang.Thread.run(Thread.java:534)
```

Fix: Apply one of the following releases of Gentrans Integration Suite:

- ◆ Release 4.0.3 Patch 29 or later
- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 32635-1363704

Primus ID: SCI100171

Component: DeenvelopeService

Severity: Normal

Type: Normal Fix

Symptom:

```

WORKFLOW.ACTIVITY_ENGINE.ERR_ActivityEngineHelper_invokeService21
ActivityEngineHelper.invokeService() caught exception while attempting to execute
service Translation
java.lang.ClassCastException
    at
com.sterlingcommerce.woodstock.services.translation.TranslationServiceImpl.processData(TranslationServiceImpl.java:147)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeService(ActivityEngineHelper.java:1577)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMainLogic(ActivityEngineHelper.java:569)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(ActivityEngineHelper.java:347)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQueueListener.java:277)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueueListener.java:192)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:157)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFlowQueueListener.java:143)
    at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:332)
    at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor.java:494)
    at java.lang.Thread.run(Thread.java:534)

```

Symptom: When PostProcessor duplicate document checking is performed and a new WFC is created, the subelement is not passed to the new WFC.

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 32665-0000000

Component: Enveloping

Severity: Normal

Type: Normal Fix

Symptom: New CII envelopes cannot be imported.

Cause: SI_IE_Resources.xsd had not been updated to reflect the CII envelope change in previous CII update.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Fix ID: 33179-1362343

Primus ID: Not available

Sequence or Duplicate Checking is enabled on the envelopes.

Component: DeenvelopeService

Type: Normal Fix

Severity: Normal

Symptom: Orphaned transaction correlations are created.

Fix: This issue was introduced by fix TD#32378/SR#1362343 in a previous build.

Fixed Out Of Memory (OOM) issue on some files with a large transaction set. It now stops persisting transaction compliance reports during deenveloping when sequence and duplicate control number checking is turned off. This allows for a larger set of transactions to be processed without an OOM error occurring.

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

Indexing/Archive/Purge

Fix ID: 32657-1363634

Primus ID: SCI101102

Component: Indexing

Type: Normal Fix

Severity: Critical Impacting

Symptoms:

- ◆ `java.sql.SQLException: ORA-00001: unique constraint (SIADMIN.BPMVREIDX_WRK_PK) violated`
- ◆ Index Service is failing due to unique key constraint violation

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 33065-1364604

Primus ID: Not available

Archive/Purge settings on business process have been changed from the default.

Component: Patch Process

Type: Normal Fix

Severity: Normal

Symptoms:

- ◆ All business process archive settings are returned to the default system setting.
- ◆ All business processes are reset to archive after two days.

Change: Build 4201 is applied to the GIS system.

Cause: The defaults are being pulled from the backupService service instance.

Fix: Adding version check logic to serviceinstances.xml.in to deliver the service instance for Backup Service only if the PATCH_VERSION is less than 1969.

Apply Gentran Integration Service 4.2 Build 4204 or later.

Installation

Fix ID: 32680-0000000

Primus ID: Not available

Component: Patch Infrastructure

Type: Normal Fix

Severity: Normal

Symptom: The regression install is not setting the passphrase=password variable in security.properties on an iSeries system.

Fix: Apply Gentran Integration Service 4.2 Build 4204 or later.

Mapping/Map Editor

Fix ID: 32612-1363355

Primus ID: SCI99787

Component: MapEditor

Severity: Normal

Type: Normal Fix

Symptoms:

- ◆ Initializing Numeric or Date field to 0 in an On Begin extended rule on the output side of the map invalidates the output

- ◆ Numeric fields initialized to 0 in an On Begin extended rule on the output side of the map causes the final output to be 0
- ◆ Date field initialize to 0 in an On Begin extended rule on the output side of the map causes the final output to be 12/31/1969

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 32640-0000000

Primus ID: Not available

Component: Map Editor

Severity: Normal

Type: Normal Fix

Symptom: Clicking on a page number in the "Maps that reference this rule library" pop up window displays the Extended Rule Libraries form.

Note: Users may have to right-click the link on the "Maps that reference this rule library" page to see all the associated records.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Fix ID: 33052-1364155

Primus ID: Not available

Component: Map Editor

Type: Normal Fix

Severity: Normal

Symptom: When a hex value is specified as the Quote Character for the CSV side of a map and that map file is saved in the .MXL format, the Quote Character is set to 0 instead of the hex value when the map is re-opened.

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1978 or later
- ◆ Release 4.2 Build 4204 or later

Lock Manager

Fix ID: 33722-1363794

Primus ID: SCI100249

Resource locks

The lock is not released when a version of the map is deleted.

Component: Lock Manager

Type: Normal Fix

Severity: Normal

Symptom: When a lock is placed on a business process for editing and a version of that business process is deleted, the lock remains.

Fix: Map and business process now behave in the same fashion. When a version of a business process is deleted, the lock is released.

Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Operations

Fix ID: 32859-0000000

Primus ID: Not available

Component: Ops

Type: Normal Fix

Severity: Normal

Symptom: The scheduler is not able to exclude a leap day (2/29) that is not in the current year.

Fix: Apply Gentran Integration Service 4.2 Build 4204 or later.

Reporting

Fix ID: 32652-1364085

Component: Reports

Type: Normal Fix

Severity: Normal

Symptom: The report would show individual sub-processes as if they were their own parent business process.

Fix: The Performance Statistics report has been updated to properly display statistics for the parent business process.

Apply Gentran Integration Service 4.2 Build 4204 or later.

Services and Adapters

Fix ID: 30572-1359562

Primus ID: SCI95827

Severity: Normal

Type: Core

Component: SAP Suite Adapter

Symptoms:

- ◆ If Gentrans Integration Suite is stopped with "hardstop.sh" while the SAP Suite Adapter bootstraps a business process, the SAP Suite Adapter confirms an outbound IDoc sent from SAP with ALE and creates an entry in the SAP_TID table with STATE "CONFIRMED" and - important - WFID "0".
- ◆ SAP Suite Adapter: document is confirmed as having come out of SAP but was not allocated a business process (assigned WFID=0)

Fix: Directly after bootstrapping a business process, the SAP Suite Adapter gets the workflow ID of the new business process. If the workflow ID is "0," the SAP Suite Adapter throws back a JCO Exception to SAP, which causes a roll back of the complete IDoc Transaction. This allows SAP to handle the error correctly and it may send the IDoc a second time.

This is an example of a "Rolled back" entry in SAP_TID:

```
<index> <date> <time> <TID> ROLLEDBACK 0 <sapsuite_instance>
```

Apply one of the following releases of Gentrans Integration Suite:

- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 32519-1361947

Primus ID: SCI101274

Component: EDIINTBuild

Severity: Normal

Type: Normal Fix

Symptoms:

- ◆ Time is formatted to incorrect time.
- ◆ PM hours are not handled correctly.

Example: AS1 message is sent at 3:00 PM. It is translated to 03:00:00 instead of 15:00:00.

Fix: Apply one of the following releases of Gentrans Integration Suite:

- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 32576-1359734

Primus ID: SCI95981

Component: FTP Client Adapter

Severity: Critical

Type: Normal Fix

Symptoms:

- ◆ FTP Processes going into Waiting on IO State.
- ◆ GIS must be restarted in order to resolve issue.
- ◆ Unable to stop/start FTP Client Adapter.

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 32687-1363937

Primus ID: SCI100399

Component: Lightweight JDBC adapter

Severity: Normal

Type: NormalFix

Symptom:

Lightweight JDBC Adapter fails when null fields are inserted.

```
java.lang.IndexOutOfBoundsException: Index: 4, Size: 3
    at java.util.ArrayList.add(ArrayList.java:371)
    at
com.sterlingcommerce.woodstock.util.frame.jdbc.QueryParms.addParm(QueryParms.java:55
)
    at
com.sterlingcommerce.woodstock.services.jdbc.lightweight.LightweightJdbcAdapterImpl.
processData(LightweightJdbcAdapterImpl.java:410)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.invokeS
ervice(ActivityEngineHelper.java:1577)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.nextMai
nLogic(ActivityEngineHelper.java:569)
    at
com.sterlingcommerce.woodstock.workflow.activity.engine.ActivityEngineHelper.next(Ac
tivityEngineHelper.java:347)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.doWork(WorkFlowQ
ueueListener.java:277)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.run(WorkFlowQueu
eListener.java:192)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:157)
    at
com.sterlingcommerce.woodstock.workflow.queue.WorkFlowQueueListener.onMessage(WorkFl
owQueueListener.java:143)
```

```

        at
com.sterlingcommerce.woodstock.workflow.queue.wfTransporter.run(wfTransporter.java:3
32)
        at
com.sterlingcommerce.woodstock.workflow.queue.BasicExecutor$Worker.run(BasicExecutor
.java:494)
        at java.lang.Thread.run(Thread.java:534)

```

Cause: The LWJDBC Adapter unable to handle the inserting or updating of nulls in the database if the param value is set to null.

Fix: Apply Gentran Integration Suite 4.2 Build 4204 or later.

Fix ID: 32951-1363874

Primus ID: SCI95827

Severity: Normal

Type: Core

Component: SAP Suite Adapter

Symptoms:

If Gentran Integration Suite is stopped with "hardstop.sh" while the SAP Suite Adapter bootstraps a business process, the SAP Suite Adapter confirms an outbound IDoc sent from SAP with ALE and creates an entry in the SAP_TID table with STATE "CONFIRMED" and—important—WFID "0".

SAP Suite Adapter: document was confirmed as having come out of SAP but was not allocated a business process (assigned WFID=0)

Fix: Directly after bootstrapping a business process, the SAP Suite Adapter gets the workflow ID of the new business process. If the workflow ID is "0" the SAP Suite Adapter throws back a JCO Exception to SAP which causes a roll back of the complete IDoc Transaction. This allows SAP to handle the error correctly and it may sent the IDoc a second time.

Example

```

("Rolled back" entry in SAP_TID): <index> <date> <time> <TID> ROLLEDBACK 0
<sapsuite_instance>

```

Apply Gentran Integration Suite 4.2 Build 4204 or later.

Fix ID: 33035-1363964

Primus ID: SCII00422

Component: FTP Client GET Service

Type: Normal Fix

Severity: Normal

Symptom: When executing a BP that contains the FTP Client GET Service, this error displays:

```

com.sterlingcommerce.woodstock.workflow.WorkFlowException: Invalid value [No] for
CheckFileSize

```

Cause: The CheckFileSize parameter for the FTP Client GET Service is not accepting values that are entered in mixed case or all lowercase characters.

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1978 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 33215-1364813

Primus ID: SCI101394

Component: Purge Service

Type: Normal Fix

Severity: Normal

Symptom: Purge fails with error ORA-00942: table or view does not exist.

Cause: Incorrect logic was contained in create_tables_in.dat for si_41_sp_0_patch_13.jar and subsequent patches and in the upgrade jar. When the current patch was less than 13, both the DOC_EDIT_EXTN and DOC_EDIT_MSGS tables (which were implemented as part of SWIFT Phase2) were created.

Fix: Corrected the conditional logic for the creation of the tables.

Apply Gentran Integration Suite 4.2 Build 4204 or later.

Fix ID: 33218-1364896

Primus ID: Not available

Component: 997 or CONTRL Reconciliation Services

Type: Normal Fix

Severity: Normal

Symptom: Null pointer exception is received when doing correlation searches

Fix: Apply Gentran Integration Suite 4.2 Build 4204 or later.

Fix ID: 33460-1364458

Fixed the IBM IE FTP Adapter to disable the check that enforces SITE command as a mandatory field.

Primus ID: Not available

Component: IBM IE FTP Adapter

Severity: Critical

Type: Normal Fix

Symptoms: After applying the patch that contains the IBM IE FTP Adapter SITE command enhancement, the existing instance of IBM IE FTP Adapter does not work correctly. This is because the adapter validation rule enforces SITE command as a mandatory field.

Fix: Disabled the check that enforces SITE command as a mandatory field.

Fix ID: 33874-1365031

Primus ID: SC1101982

Component: HTTP Server Adapter

Type: Normal Fix

Severity: Normal

Symptom: External users cannot access mailbox interface when using proxy LAN settings. War file url requests that used SSL over http 1.0 and that did not include a trailing slash "/" (for example, "/mailbox" instead of "/mailbox/") hang for 10 minutes or more before completing.

Cause: Under those conditions, GIS was delaying in sending a close/FIN command to the browser.

Note: This could be worked around by setting the browser to force http 1.1 in Internet Explorer's advanced settings. There are 2 advanced settings for forcing http 1.1

1. Use Http 1.1.
2. Use Http 1.1 through proxy.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

SWIFTNet

Fix ID: 33424-1365074

Primus ID: Not available

SWIFTNet

FileAct

Component: SWIFTNet FileAct

Type: New Functionality

Severity: Normal

Goal: FAQ: Does SWIFTNet FileAct support the mandatory field requirements for structured request types and compression indication?

Fix: These field requirements have been added to the SWIFTNet FileAct .

For Request Type, the format convention is defined as follows:

```
<business_area>.<type_of_syntax>.<detailed_syntax_and_format>
```

It starts with a four-character business area code, followed by a dot, followed a three-character code that designates the type of syntax (which can be <nnn> , "FIN", or "xxx"), followed by another dot, and followed by a more detailed indication on the type of file contents.

FileInfo is a "mandatory" parameter for FileAct. However, if no value is given to this parameter, SwiftNet Client service sets it to SwCompression=None by default. This makes FileInfo indirectly an optional parameter.

Also for Fileinfo, specify whether the file is being compressed or not using the following attribute:

SwCompression=<value>

where <value> = NONE or ZIP

This change is included in 4.2 Build 4204 and later.

Fix ID: 33578-1364864

Primus ID: Not available

SWIFTNet Server

Component: SWIFTNet Server

Type: Normal Fix

Severity: Normal

Symptom:

- ◆ Communication between GIS and MEFG SWIFTNet Server fails, but the failure is not logged.
- ◆ No errors appear in any logs under the MEFGSWIFTNetServer Install directory /logs/scd.

Cause: The SOAP message response is sent back to the requestor indicating success.

Fix: The SOAP message response now returns a Rejected status when the SOAP call does not get a reply.

Apply Gentran Integration Suite 4.2 Build 4204 or later.

Fix ID: 34183-0000000

Component: SWIFTNet server adapter

Severity: Normal

Type: NormalFix

Symptom: SWIFTNet server adapter not importing correctly. Adapter instance may not start or be missing business entity data.

Fix: Apply Gentran Integration Suite 4.2 Build 4204 or later.

Fix ID: 34308-0000000

Component: SWIFTNet Client Service

Severity: Normal

Type: Normal Fix

Symptom: Validation of Request Types. While the client's Request Type in FileAct transfer still needs to be validated against this structured syntax, the Delivery Notification's Request Type doesn't need to follow this structure. Prior to build 4204, we validated both and failed the request if it did not follow the syntax.

Fix: Removed Delivery Notification Request Type's validation on SWIFTNet Client Service.

Apply Gentran Integration Suite 4.2 Build 4204 or later.

Translator

Fix ID: 32285-1350727

Primus ID: SCI85824

Type: New Functionality

Component: Translation

Severity: Normal

Symptom: Trailing zeros in the decimal portion of numeric values are removed from output fields.

Cause: The default behavior of Gentran Integration Suite is to trim trailing zeros from the decimal portion of numeric values.

Fix: To retain trailing zeroes, change the value for the storage.keepTrailingZeros property to “true,” run setupfiles.sh/cmd, and restart Gentran Integration Suite.

Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 32525-1355756

Primus ID: Not available

Component: Translator

Severity: Normal

Type: Normal Fix

Symptom: The translator does not properly generate the value in an output numeric field that uses an implied decimal format.

Cause: The translator was calculating the number of characters to pad the field to incorrectly.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Fix ID: 32546-1364632

Primus ID: SCI101065

Component: Translator

Severity: Normal

Type: Normal Fix

Symptom: When creating XML data, the translator always encodes the greater than sign (>) in the PCDATA for an element.

Cause: A previous fix done for GIS 4.1.1 Build 1972 (TD#29059/SR#135779) changed the default behavior of the product to always encode this character.

Fix: The behavior of the translator has been changed back to the default, which is not to encode the greater than sign in the PCDATA section of an element.

If there is a need to encode this character when it appears in a PCDATA section the following parameter can be added to the translator.properties file and set to true to cause the translator to always encode the character:

```
output.encode.predefined.entity=true
```

Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Fix ID: 32688-1364027

Primus ID: SCI100494

Component: Translator

Severity: Normal

Type: Normal Fix

Delimited File Format

Symptoms:

- ◆ The translator generates delimited data with numeric fields that use a period for the decimal point even though a comma is specified as the Decimal Separator in the map.
- ◆ When generating delimited data, the decimal point character is always a period.

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.1.1 Build 1977 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 32834-1364134

Primus ID: Not available

Component: Translator

Type: Normal Fix

Severity: Normal

Symptom: Translation fails with an Out Of Memory error if the map contains a repeating composite.

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ Release 4.0.3 Patch 29 or later
- ◆ Release 4.1.1 Build 1978 or later
- ◆ Release 4.2 Build 4204 or later

Fix ID: 33255-1364133

Primus ID: SCI97719

Component: Translation

Type: New Functionality

Severity: Normal

Symptoms:

- ◆ Output has a blank line after the prolog and before the root tag
- ◆ Newline characters separate XML documents/transactions

Fix: A new parameter can be added to the translator.properties file to suppress the newline character between the prolog and the root element and between XML documents:

```
xml.suppress.newline.between.docs=true
```

Fix: Apply one of the following releases of Gentran Integration Suite:

- ◆ 4.1.1 Build 1976 or later
- ◆ 4.2 Build 4204 or later

Fix ID: 33386-1351358

Component: Translator

Severity: Critical

Type: Normal Fix

Symptom: The translator had a rounding error when converting from a double to a String.

Cause: The problem was caused by an issue with precision in Java when the double primitive is used.

Fix: The implementation of `dataConverter.convertDoubleToString()` was changed to use `BigDecimal` internally instead of `double`.

Apply Gentran Integration Suite 4.2 Build 4204 or later.

Upgrade

Fix ID: 32645-1363985

Primus ID: SCI100454

Component: Upgrade

Severity: Critical

Type: Normal Fix

Symptom: GIS is not working properly after upgrading from Release 4.1.1 to Release 4.2.

Cause: The upgrade process did not account for the `DOCUMENT` and `DOCUMENT_RESTORE` tables containing more columns in Release 4.2 than in Release 4.1.1.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

User Interface

Fix ID: 23760-1364346

Primus ID: SCI100676

Component: UserInterface

Type: Normal Fix

Severity: Normal

Symptoms:

- ◆ Error in the resource tag management list.
- ◆ When trying to navigate between pages in the Deployment > Resource Manager > Resource Tags > List (Alphabetically: ALL), this error displays:
Nothing on this server matches the url you provided

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Fix ID: 32654-0000000

Primus ID: Not available

Component: User Interface

Severity: Normal

Type: Normal Fix

Symptom: On the "Admin Console Home" page, the dropdown tabs do not show all the options after the mailbox messages are filtered by a name.

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Fix ID: 32985-1363904

Primus ID: SCI100357

Component: UserInterface

Type: Normal Fix

Severity: Normal

Map can still be referenced in a BP and will invoke properly.

Symptoms:

- ◆ When loading a map object for the first time in GIS, an InvalidMapException is shown in the system log.
- ◆ Errors are received in System Log when checking in a map.
- ◆ ERROR 000310040264 UTIL.CACHE.ERR_TranslationMapLoader_load1 Caught exception in TranslationMapLoader.load(): map name = BASELINE_810_3060_o_SNF_EDI
com.sterlingcommerce.woodstock.services.translation.InvalidMapException: Could not find map with name 'BASELINE_810_3060_o_SNF_EDI' and type '1'

Fix: Apply Gentran Integration Suite Release 4.2 Build 4204 or later.

Fix ID: 33994-0000000

Component: User Interface

Severity: Normal

Type:: NormalFix

Symptom: EDICorrelationSearch xform is autopopulating the time fields with "00" when hour is between 12 and 1 A.M.

Fix: Apply Gentran Integration Suite 4.2 Build 4204 or later.

Workflow Engine

Fix ID: 32578-1363551

Primus ID: SCI95665

Component: Workflow Log

Type: Normal Fix

Severity: Normal

Symptom: The following error continuously repeats in the workflow log:

```
[2006-09-19 13:03:12.868] ERROR WorkFlowManager.getWFHasNoWFD sql : SELECT DISTINCT WORKFLOW_ID FROM WORKFLOW_CONTEXT LEFT OUTER JOIN WFD ON WORKFLOW_CONTEXT.WFD_ID = WFD.WFD_ID where WFD.WFD_ID is NULL
```

Fix: Apply Gentran Integration Service 4.2 Build 4204 or later.

Fix ID: 33679-1364249

Primus ID: Not available

Component: GetDocumentInformation service

Type: Normal Fix

Severity: Normal

Symptom: When running the GetDocumentInformation service, the DocumentCreateTime node is created but not populated.

Cause: The function setCreateTime() was never called when a document was created. Instead, the createTime is set directly to the database when the document is persisted to the database, and the document meta data structure createTime is never set. So, if a document is read from the db, it will have a createTime, otherwise, it would not.

Fix: CreateTime is now set when documents are created, not when they are persisted.

Apply Gentran Integration Suite Release 4.2 build 4204 or later.