

snapserver® XSD 40

Configuration Guide

November 2014



SnapServer® XSD 40 Configuration Guide

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1 Introduction

This document is intended as a guide for configuring and ordering SnapServer NAS Systems, Optional Expansion, Software and Service. It is primarily intended as a “what should be ordered with what” guide and provides an overview of the features and functionality of each of the options available. This has been designed as an “all inclusive” guide as much as possible but should not be used as a complete substitute for Datasheets and/or administration guides.

This first part of this guide (Sections 2 through 5) is divided in to the following sections:

- SnapServer NAS Systems – providing an overview of available SnapServer NAS Systems
- SnapServer NAS Capacity Expansion – providing an overview for the SnapServer Expansion storage available for scalable SnapServer NAS Systems.
- SnapServer NAS Software Solutions – providing an overview of GuardianOS™ and available software options that work with GuardianOS based SnapServer NAS Systems.
- Overland Storage Services for SnapServer NAS Systems and Software – providing an overview of the service offerings available for existing as well as discontinued SnapServer NAS systems.

The second part of this guide (Section 6) then provides full details on configuring a solution with the logical steps to follow (including part numbers).

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2 SnapServer XSD Series NAS Systems

SnapServer NAS Systems are a complete family of platforms, software solutions and services designed to store and protect data allowing the deployment of “right-sized” storage to various locations within a small to medium business or enterprise.

Designed as NAS and iSCSI appliances to take advantage of industry standards for centralized storage and access to data, SnapServer NAS Systems are also robust servers providing enough processing power for data protection, replication and system management applications.

2.1 SnapServer XSD Series NAS Systems

SnapServer XSD Series NAS Systems are designed to manage higher workload levels and capacities and are, by design, scalable with the addition of SnapServer Expansion storage.

	SnapServer XSD 40
Processor(s)	1.8GHz Processor
Memory	2GB standard (4GB Max)
Power Supplies	Single power supply, 200W 100-240 VAC
Drive Type in Head	SATA II
Expansion	DynamicRAID up to 24TB

2.1.1 SnapServer XSD 40

The SnapServer XSD 40 is a desktop Network Attached Storage server. The XSD40 is sold as an empty enclosure or as a bundle with drives. Drive 4-packs and singles can be purchased separately to add internal capacity. The unit must be purchased with a minimum of 2 hard drives. Each configuration includes 1 x 1.8GHz processor; 2GB of Memory (1 x 2GB Memory Module); Dual Gigabit Ethernet ports; One power supply. It supports Dynamic RAID with single or dual parity, or traditional RAID 0, 1, 5, 6 and 10. Tape attachment for backup is supported via USB port. Software Included: GuardianOS 7.6, iSCSI, Snapshots, and BitTorrent Sync.

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2.2 General Notes on SnapServer NAS Models and Configurations

2.2.1 SnapServer XSD Series Memory Configurations

The SnapServer XSD 40 includes 2GB of memory standard, upgradeable to 4GB total.

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2.3 SnapServer Networking Options

2.3.1 SnapServer XSD 40 Networking

The SnapServer XSD 40 includes dual 1GbE networking ports. There are no options at this time to add additional 1GbE ports or 10GbE ports.

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3 SnapServer XSD Series NAS Software Solutions

SnapServer XSD Series NAS Systems support a wide range of data sharing, data protection and replication solution software designed to be compatible with today's computing environment in distributed enterprises and small businesses.

3.1 GuardianOS 7.6

Every SnapServer XSD Series NAS System is delivered with GuardianOS that combines file-level (NAS) with block-level (iSCSI) data on a single device to provide a simple and flexible solution ideal for any storage infrastructure. In addition to its unified storage architecture, GuardianOS offers seamless scalability for scalable SnapServer XSD Series NAS systems, centralized storage management, and a comprehensive suite of data protection tools ideal for consolidating data and simplifying management to reduce storage total cost of ownership (TCO).

3.2 BitTorrent Sync

Ideal for syncing large data sets over geographically dispersed systems, BitTorrent Sync™ offers simple set-up and configuration in even the most complex network environments. BitTorrent Sync™ is free and preinstalled in GuardianOS for syncing directories between SnapServers, desktop clients and mobile devices. Create a private cloud, or simply sync data between systems for disaster recovery and backup.

3.3 Replication with Snap Enterprise Data Replicator

3.3.1 Snap Enterprise Data Replicator (Snap EDR)

Snap Enterprise Data Replicator (Snap EDR) 7.2 provides a powerful, high-performance data replication and protection solution, with a comprehensive set of data management, movement, and backup capabilities. Administrators can remotely move files between servers; replicate data from their remote offices to a central server where it can be protected with established backup and restore procedures; or automatically distribute data from a central server to multiple remote offices. With Snap EDR, the administrator can implement enterprise-wide data movement, backup, disaster recovery, and compliance operations from a single location.

Snap EDR 7.2 is an option to GuardianOS 5.0 or greater and is licensed by functionality of Snap EDR (EDR Express or EDR Standard) as well as by class of platform (Workgroup, Departmental and Non-SnapServer NAS Systems). Each system participating in Snap EDR replication or backup requires a separate Snap EDR license whether it is a SnapServer NAS, Windows, Solaris, Linux or MAC OS X (10.6 or below) system.

Snap EDR 7.2 can be used to replicate data between any GuardianOS-powered SnapServer regardless of GuardianOS release provided that Snap EDR is the same version for all SnapServers participating in the replication.

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3.3.1.1 Snap EDR Standard and Snap EDR Express

3.3.1.1.1 Snap EDR Standard

Snap EDR Standard Edition includes all functionality, including remote backup, as well as one-to-one, one-to-many and many-to-one replication. Snap EDR Standard can be positioned not only for disk-based backup and disaster recovery but also for data distribution and versioned disk-based backup with the advanced backup functionality included over EDR Express.

Snap EDR Standard is licensed by class of SnapServer NAS Systems as well as by client operating system (for non-SnapServer NAS systems) as follows:

- Snap EDR Standard - Windows / Mac OS X / Linux / UNIX¹
- Snap EDR Standard – Workgroup (Included with the SnapServer XSR 40)
- Snap EDR Standard – Department (Included with the SnapServer XSR 120)

3.3.1.1.2 Snap EDR Express

Snap EDR Express is a value-based replication-only suite for two-node, one-to-one replication between SnapServer NAS Systems only. It is primarily positioned for disk-based backup and disaster recovery² between two SnapServer NAS systems.

Snap EDR Express is licensed by class of SnapServer NAS Systems as follows:

- Snap EDR Express - Workgroup
- Snap EDR Express - Department

3.3.1.2 Snap EDR for Workgroup or Department

Snap EDR is licensed for SnapServer NAS Systems categorized as Workgroup or Department SnapServer NAS Systems.

3.3.1.2.1 Workgroup SnapServer NAS Systems

SnapServer NAS Systems that are categorized as Workgroup are the following:

- Current SnapServer NAS Systems
 - SnapServer XSR 40
 - SnapServer XSD 40

¹ Snap EDR 7.2 supports Solaris as the only UNIX platform. Refer to the data sheet for specific versions.

² GuardianOS also provides disaster recovery options to backup SnapServer settings that should be used in conjunction with Snap EDR for a full

² GuardianOS also provides disaster recovery options to backup SnapServer settings that should be used in conjunction with Snap EDR for a full disaster recovery solution.

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3.3.1.2.2 Midrange and Department SnapServer NAS Systems

SnapServer NAS Systems that are categorized as Midrange or Department are both covered by the “Department” Snap EDR license and are the following models:

- Current SnapServer NAS systems
 - SnapServer XSR 120

- Discontinued SnapServer NAS Systems
 - SnapServer DX2
 - SnapServer DX1
 - SnapServer N2000
 - SnapServer NAS 18000
 - SnapServer NAS 15000
 - SnapServer NAS 14000
 - SnapServer NAS 4500
 - SnapServer NAS 4400
 - SnapServer NAS 4200
 - SnapServer NAS 650
 - SnapServer NAS 620
 - SnapServer NAS 550
 - SnapServer NAS 520
 - SnapServer NAS 510

3.3.1.3 Snap EDR Upgrades

Snap EDR upgrades are available for customers that initially licensed Snap EDR Express.

3.3.1.3.1 Snap EDR Express to Snap EDR Standard upgrades

The following upgrades are available from Snap EDR Express to Snap EDR Standard:

- Snap EDR Exp/Snap EDR Std Upg-Workgroup
- Snap EDR Exp/Snap EDR Std Upg-Department

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4 OverlandCare™ Services for SnapServer Systems and Software

OverlandCare is Overland's premier service and support program. This program provides enhanced services for customers who require either longer coverage periods or options that provide for higher system availability. We offer support upgrades at the time of system sale and support extensions for up to five years after the initial system purchase. If your SnapServer solution includes multiple products each item must be covered to the same entitlement. As a special incentive to keep your SnapServer product covered for a longer period of time we offer a discount on multiple years of support coverage when purchased at the time of sale.

4.1 OverlandCare Levels

There are four levels of OverlandCare, each offering a different range of services. As mentioned above, every SnapServer carries one of these levels as its "standard warranty", and customers can purchase upgrades and extensions for up to 5 years after the initial system purchase. The four OverlandCare Levels are summarized in the table below.

	OverlandCare Bronze-Level 2-business day Parts Replacement	OverlandCare Silver-Level 5x9xNBD Onsite Support	OverlandCare Gold-Level 5x9x4-Hour Onsite Support	OverlandCare Platinum-Level 24x7x4-Hour Onsite Support
Unlimited Web and Email Support	•	•	•	•
Access to Online Knowledgebase	•	•	•	•
Critical Software/Firmware Updates and Patches	•	•	•	•
24x7 Telephone Assistance	•	•	•	•
Remote Problem Diagnostics & Support	•	•	•	•
Next Business Day Advance Parts Replacement	•			
Onsite Support Monday Thru Friday		•		
Next Business Day Response for Onsite Support		•	•	
4-Hour Response for Onsite Support			•	•
24x7 Onsite Support				•

4.2 Standard Warranty, Uplifts and Extensions For SnapServer Products

4.2.1 Standard Warranty

SnapServer XSD products are covered by a three-year Overland Care Bronze-Level warranty which covers all aspects of the product. The Bronze-Level warranty for SnapServer XSR includes the following:

- 24x7 Telephone support
- Advanced parts replacement, 2 business day delivery excluding recognized public and company holidays
- Software support for GuardianOS with updates and patches as available

For full details of current service programs, please refer <http://support.overlandstorage.com/support/service-coverage.html>

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4.2.2 Uplifts and Extensions

All SnapServer systems are eligible for service uplifts and extensions to augment and/or extend the standard OverlandCare warranty.

- Specially priced 3-year uplifts for OverlandCare Levels Silver, Gold and Platinum are available at the time of purchase
- 1-year extensions for all OverlandCare Levels are available to extend the SnapServer warranty to 5-years of total coverage

4.3 Supplemental Software Support

Supplemental Software Support can be purchased for each optional software product. This service is offered as an annual contract for Snap Enterprise Data Replicator (Snap EDR). To purchase Supplemental Software Service, the SnapServer system on which the software product will be run must be covered by OverlandCare service or Software maintenance.

Supplemental Software Support includes the following:

- Support offering 24x7 access to web based self-support
- Technical support access for the Software product in line with the service level of the SnapServer system on which it runs

4.4 Summary of Support Offerings for SnapServer Systems and Software

4.4.1 SnapServer XSD 40 Support Offering Summary

The following table provides a summary of the support offerings available for SnapServer XSD 40 systems.

Service Offering	Year 1	Year 2	Year 3	Year 4	Year 5
OverlandCare Bronze-Level – 24x7 Telephone Support, 2 Day Advance Parts Replacement 9x5	Standard Warranty			Optional 1-Year Extensions	
OverlandCare Silver-Level – 24x7 Telephone Support, 9x5xNBD Onsite	Optional 3-Year Uplift			Optional 1-Year Extensions	
OverlandCare Gold-Level – 24x7 Telephone Support, 9x5x4-Hour Onsite					
OverlandCare Platinum-Level – 24x7 Telephone Support, 24x7x4-Hour Onsite					
Supplemental Software Coverage for Snap EDR	Optional 1-Year Extensions				

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5 Purchasing Guide

5.1 Scalable Systems, Expansion, Drives, System Specific Software

The tables below provide ordering information to configure SnapServer XSD 40 servers.

Following the expansion storage are additional tables for Snap EDR software specific to scalable systems. Snap EDR Software for Non-SnapServer NAS Systems are addressed in later sections of the Purchasing Guide.

5.1.1 Configuring SnapServer XSD 40 Solutions

The following steps can be used as guidance for configuring a scalable SnapServer XSD 40 solution.

Step 1	Choose and Configure a Base SnapServer XSD 40 System																								
Step 1a	<p>Choose the SnapServer XSD 40 system</p> <table> <tr><td>OT-NAS200203</td><td>SnapServer XSD 40, 2TB SATA Bundle (2 X 1TB)</td></tr> <tr><td>OT-NAS200204</td><td>SnapServer XSD 40, 4TB SATA Bundle (2 X 2TB)</td></tr> <tr><td>OT-NAS200205</td><td>SnapServer XSD 40, 6TB SATA Bundle (2 X 3TB)</td></tr> <tr><td>OT-NAS200206</td><td>SnapServer XSD 40, 8TB SATA Bundle (2 X 4TB)</td></tr> <tr><td>OT-NAS200226</td><td>SnapServer XSD 40, 10TB SATA Bundle (2X5TB)</td></tr> <tr><td>OT-NAS200227</td><td>SnapServer XSD 40, 12TB SATA Bundle (2X6TB)</td></tr> <tr><td>OT-NAS200207</td><td>SnapServer XSD 40, 4TB SATA Bundle (4 X 1TB)</td></tr> <tr><td>OT-NAS200208</td><td>SnapServer XSD 40, 8TB SATA Bundle (4 X 2TB)</td></tr> <tr><td>OT-NAS200209</td><td>SnapServer XSD 40, 12TB SATA Bundle (4 X 3TB)</td></tr> <tr><td>OT-NAS200210</td><td>SnapServer XSD 40, 16TB SATA Bundle (4 X 4TB)</td></tr> <tr><td>OT-NAS200228</td><td>SnapServer XSD 40, 20TB SATA Bundle (4X5TB)</td></tr> <tr><td>OT-NAS200229</td><td>SnapServer XSD 40, 24TB SATA Bundle (4X6TB)</td></tr> </table>	OT-NAS200203	SnapServer XSD 40, 2TB SATA Bundle (2 X 1TB)	OT-NAS200204	SnapServer XSD 40, 4TB SATA Bundle (2 X 2TB)	OT-NAS200205	SnapServer XSD 40, 6TB SATA Bundle (2 X 3TB)	OT-NAS200206	SnapServer XSD 40, 8TB SATA Bundle (2 X 4TB)	OT-NAS200226	SnapServer XSD 40, 10TB SATA Bundle (2X5TB)	OT-NAS200227	SnapServer XSD 40, 12TB SATA Bundle (2X6TB)	OT-NAS200207	SnapServer XSD 40, 4TB SATA Bundle (4 X 1TB)	OT-NAS200208	SnapServer XSD 40, 8TB SATA Bundle (4 X 2TB)	OT-NAS200209	SnapServer XSD 40, 12TB SATA Bundle (4 X 3TB)	OT-NAS200210	SnapServer XSD 40, 16TB SATA Bundle (4 X 4TB)	OT-NAS200228	SnapServer XSD 40, 20TB SATA Bundle (4X5TB)	OT-NAS200229	SnapServer XSD 40, 24TB SATA Bundle (4X6TB)
OT-NAS200203	SnapServer XSD 40, 2TB SATA Bundle (2 X 1TB)																								
OT-NAS200204	SnapServer XSD 40, 4TB SATA Bundle (2 X 2TB)																								
OT-NAS200205	SnapServer XSD 40, 6TB SATA Bundle (2 X 3TB)																								
OT-NAS200206	SnapServer XSD 40, 8TB SATA Bundle (2 X 4TB)																								
OT-NAS200226	SnapServer XSD 40, 10TB SATA Bundle (2X5TB)																								
OT-NAS200227	SnapServer XSD 40, 12TB SATA Bundle (2X6TB)																								
OT-NAS200207	SnapServer XSD 40, 4TB SATA Bundle (4 X 1TB)																								
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OT-NAS200209	SnapServer XSD 40, 12TB SATA Bundle (4 X 3TB)																								
OT-NAS200210	SnapServer XSD 40, 16TB SATA Bundle (4 X 4TB)																								
OT-NAS200228	SnapServer XSD 40, 20TB SATA Bundle (4X5TB)																								
OT-NAS200229	SnapServer XSD 40, 24TB SATA Bundle (4X6TB)																								
Step 1b	<p>To populate a SnapServer XSD 40 with internal capacity, choose up to 4 drives</p> <p>SATA II Enterprise Drive Single (7200 RPM)</p> <table> <tr><td>OT-ACC902049</td><td>ACC - XSD 40, 6TB SATA w/Carrier</td></tr> <tr><td>OT-ACC902048</td><td>ACC - XSD 40, 5TB SATA w/Carrier</td></tr> <tr><td>OT-ACC902025</td><td>ACC - XSD 40, 4TB SATA w/Carrier</td></tr> <tr><td>OT-ACC902024</td><td>ACC - XSD 40, 3TB SATA w/Carrier</td></tr> <tr><td>OT-ACC902023</td><td>ACC - XSD 40, 2TB SATA w/Carrier</td></tr> <tr><td>OT-ACC902022</td><td>ACC - XSD 40, 1TB SATA w/Carrier</td></tr> </table>	OT-ACC902049	ACC - XSD 40, 6TB SATA w/Carrier	OT-ACC902048	ACC - XSD 40, 5TB SATA w/Carrier	OT-ACC902025	ACC - XSD 40, 4TB SATA w/Carrier	OT-ACC902024	ACC - XSD 40, 3TB SATA w/Carrier	OT-ACC902023	ACC - XSD 40, 2TB SATA w/Carrier	OT-ACC902022	ACC - XSD 40, 1TB SATA w/Carrier												
OT-ACC902049	ACC - XSD 40, 6TB SATA w/Carrier																								
OT-ACC902048	ACC - XSD 40, 5TB SATA w/Carrier																								
OT-ACC902025	ACC - XSD 40, 4TB SATA w/Carrier																								
OT-ACC902024	ACC - XSD 40, 3TB SATA w/Carrier																								
OT-ACC902023	ACC - XSD 40, 2TB SATA w/Carrier																								
OT-ACC902022	ACC - XSD 40, 1TB SATA w/Carrier																								

Step 3	Add Snap EDR Software (as appropriate Express or Standard)		
Step 3a	<p>Snap EDR Express</p> <table> <tr><td>5325302015</td><td>Snap EDR Express - Workgroup</td></tr> </table>	5325302015	Snap EDR Express - Workgroup
5325302015	Snap EDR Express - Workgroup		
Step 3b	<p>Snap EDR Standard</p> <table> <tr><td>5325302018</td><td>Snap EDR Standard - Workgroup</td></tr> </table>	5325302018	Snap EDR Standard - Workgroup
5325302018	Snap EDR Standard - Workgroup		

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5.2 Snap EDR for Non-SnapServer NAS Systems

Snap EDR Supports Windows, Linux, MAC OS X, and UNIX platforms in addition to SnapServer NAS Systems but must be licensed separately for these additional platforms.

Step 1	Choose additional Snap EDR licenses for non-SnapServer NAS Systems as appropriate
Step 1a	Choose appropriate Snap EDR Standard Licenses 5325301881 Snap EDR Standard - Windows / Linux / Mac OS X / UNIX

Support Options for SnapServer NAS Systems, Expansion and Software

Support options are available for all SnapServer NAS Systems, SnapServer Expansion Systems and associated SnapServer NAS software. Support, if ordered for SnapServer NAS Systems, must all be at the same level.

Note: Support options described below are for current SnapServer NAS Systems only. Support options are available for discontinued SnapServer NAS Systems and expansion. For these options, please contact Overland Storage Sales.

5.2.1 SnapServer XSD 40 Support Options

Step 1	Choose support for SnapServer XSD 40 systems as appropriate.
Step 1a	Choose appropriate SnapServer XSD 40 Support option Support for up to 5 years can be obtained at the time of initial system purchase by combining appropriate single year offerings
	EWCAREL1R-XSD40 OverlandCare Bronze-Level (24x7 Phone/2 Day Adv Parts Replace), 1 yr Uplift, XSD40 EWCAREL1E-XSD40 OverlandCare Bronze-Level (24x7 Phone/2 Day Adv. Parts Replace), 1-Yr Extension, XSD40
	EWCAREL2U-XSD40 OverlandCare Silver-Level (24x7 Phone/NBD Onsite), 3-Yr. Uplift, XSD40 EWCAREL2R-XSD40 OverlandCare Silver-Level (24x7 Phone/NBD Onsite), 1-Yr. Uplift, XSD40 EWCAREL2E-XSD40 OverlandCare Silver-Level (24x7 Phone/NBD Onsite), 1-Yr Extension, XSD40
	EWCAREL3U-XSD40 OverlandCare Gold-Level (24x7 Phone/9x5x4-Hr Onsite), 3-Yr Uplift, XSD40 EWCAREL3R-XSD40 OverlandCare Gold-Level (24x7 Phone/9x5x4-Hr Onsite), 1-Yr Uplift, XSD40 EWCAREL3E-XSD40 OverlandCare Gold-Level (24x7 Phone/9x5x4-Hr Onsite), 1-Yr Extension, XSD40
	EWCAREL4U-XSD40 OverlandCare Platinum-Level (24x7 Phone/24x7x4-Hr Onsite), 3-Yr Uplift, XSD40 EWCAREL4R-XSD40 OverlandCare Platinum-Level (24x7 Phone/24x7x4-Hr Onsite), 1-Yr Uplift, XSD40 EWCAREL4E-XSD40 OverlandCare Platinum-Level (24x7 Phone/24x7x4-Hr Onsite), 1-Yr Extension, XSD40

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5.2.2 Supplemental Software Support Options

Supplemental Software support is offered for Snap EDR. Supplemental Software support requires the system on which they are licensed to also be supported by Standard Warranty, Software Maintenance, or Overland CARE.

SnapServer Manager, GuardianOS iSCSI Target – Workgroup, GuardianOS Snapshot – Workgroup, and CA Antivirus – Workgroup licenses are supported as part of the Standard Warranty, Software Maintenance, or OverlandCare for the SnapServer NAS System on which they are licensed.

Supplemental Software Support for EDR is provided as a single support option regardless of the level of license (Express or Standard³). If Supplemental Software support is selected for Snap EDR, all licenses of Snap EDR must be covered by Supplemental Software support.

Step 1	Choose support for Snap EDR as appropriate.																
Step 1a	<p>Choose appropriate Supplemental Software Support option for Snap EDR</p> <p>Supplemental Software Support for Snap EDR is offered by system platform. Support for up to 5 years can be obtained at the time of initial system purchase by combining a 3-year support option with 2 of the corresponding 1-year support options.</p> <table> <tr> <td>5325302157</td><td>1-Year Supplemental, EDR, Win/Linux</td></tr> <tr> <td>5325302157-3</td><td>3-Year Supplemental, EDR, Win/Linux</td></tr> <tr> <td>5325302158</td><td>1-Year Supplemental, EDR, UNIX</td></tr> <tr> <td>5325302158-3</td><td>3-Year Supplemental, EDR, UNIX</td></tr> <tr> <td>5325302152</td><td>1-Year Supplemental, EDR, Department</td></tr> <tr> <td>5325302152-3</td><td>3-Year Supplemental, EDR, Department</td></tr> <tr> <td>5325302148</td><td>1-Year Supplemental, EDR 410/DX1/XSD40</td></tr> <tr> <td>5325302148-3</td><td>3-Year Supplemental, EDR 410/DX1/XSD40</td></tr> </table> <p>Note: Only current SnapServer NAS System platform options are listed below. For additional Supplemental Software Support options for Snap EDR on discontinued SnapServer NAS Systems, please contact Overland Storage Sales.</p>	5325302157	1-Year Supplemental, EDR, Win/Linux	5325302157-3	3-Year Supplemental, EDR, Win/Linux	5325302158	1-Year Supplemental, EDR, UNIX	5325302158-3	3-Year Supplemental, EDR, UNIX	5325302152	1-Year Supplemental, EDR, Department	5325302152-3	3-Year Supplemental, EDR, Department	5325302148	1-Year Supplemental, EDR 410/DX1/XSD40	5325302148-3	3-Year Supplemental, EDR 410/DX1/XSD40
5325302157	1-Year Supplemental, EDR, Win/Linux																
5325302157-3	3-Year Supplemental, EDR, Win/Linux																
5325302158	1-Year Supplemental, EDR, UNIX																
5325302158-3	3-Year Supplemental, EDR, UNIX																
5325302152	1-Year Supplemental, EDR, Department																
5325302152-3	3-Year Supplemental, EDR, Department																
5325302148	1-Year Supplemental, EDR 410/DX1/XSD40																
5325302148-3	3-Year Supplemental, EDR 410/DX1/XSD40																

³ Snap EDR Advanced (which is no longer offered as a separate license) is also covered by the same Supplemental EDR support that covers Snap EDR Express or Snap EDR Standard Editions.

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5.2.3 Accessories (ACC), Customer Replaceable Spares (CRS) and Field Replaceable Units (FRUs) for SnapServer NAS Systems and Expansion

If support options are not selected, it is highly recommended that a selection of Accessories (ACC), Customer Replaceable Spares (CRS) and Field Replaceable Units (FRUs) for the SnapServer NAS system or SnapServer Expansion unit are obtained to maximize system availability.

5.2.3.1 SnapServer DX Accessories

Step 1	Choose Accessories and Customer Replaceable Spares for the SnapServer XSD 40 as appropriate.												
Step 1a	<p>Choose appropriate SnapServer XSD 40 Drive ACC</p> <p>SATA II Desktop Drive Single (Variable RPM)</p> <table> <tr> <td>OT-ACC902049</td><td>ACC – XSD 40, 6TB SATA w/Carrier</td></tr> <tr> <td>OT-ACC902048</td><td>ACC – XSD 40, 5TB SATA w/Carrier</td></tr> <tr> <td>OT-ACC902025</td><td>ACC – XSD 40, 4TB SATA w/Carrier</td></tr> <tr> <td>OT-ACC902024</td><td>ACC – XSD 40, 3TB SATA w/Carrier</td></tr> <tr> <td>OT-ACC902023</td><td>ACC – XSD 40, 2TB SATA w/Carrier</td></tr> <tr> <td>OT-ACC902022</td><td>ACC – XSD 40, 1TB SATA w/Carrier</td></tr> </table>	OT-ACC902049	ACC – XSD 40, 6TB SATA w/Carrier	OT-ACC902048	ACC – XSD 40, 5TB SATA w/Carrier	OT-ACC902025	ACC – XSD 40, 4TB SATA w/Carrier	OT-ACC902024	ACC – XSD 40, 3TB SATA w/Carrier	OT-ACC902023	ACC – XSD 40, 2TB SATA w/Carrier	OT-ACC902022	ACC – XSD 40, 1TB SATA w/Carrier
OT-ACC902049	ACC – XSD 40, 6TB SATA w/Carrier												
OT-ACC902048	ACC – XSD 40, 5TB SATA w/Carrier												
OT-ACC902025	ACC – XSD 40, 4TB SATA w/Carrier												
OT-ACC902024	ACC – XSD 40, 3TB SATA w/Carrier												
OT-ACC902023	ACC – XSD 40, 2TB SATA w/Carrier												
OT-ACC902022	ACC – XSD 40, 1TB SATA w/Carrier												
Step 1b	<p>Choose appropriate SnapServer XSD 40 System ACC</p> <table> <tr> <td>OV-ACC902022</td><td>ACC - Memory Module, DX1/XSD 40, 2GB DIMM</td></tr> </table>	OV-ACC902022	ACC - Memory Module, DX1/XSD 40, 2GB DIMM										
OV-ACC902022	ACC - Memory Module, DX1/XSD 40, 2GB DIMM												

SnapServer® XSD 40 Configuration Guide

About Overland Storage

Overland Storage is the trusted global provider of effortless data management and data protection solutions across the data lifecycle. By providing an integrated range of technologies and services for primary, nearline, offline, archival, and cloud data storage, Overland makes it easy and cost effective to manage different tiers of information over time. Whether distributed data is across-the-hall or across-the-globe, Overland enables companies to focus on building their business instead of worrying about data growth.

Overland SnapServer®, SnapSAN™, NEO® and REO® solutions are available through a select network of value added resellers and system integrators. For more information, visit www.overlandstorage.com

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