

# The Ultimate Virtualisation Infrastructure

## Example configurations

### Entry Level example configuration

Quantity	Partnumber	Product
<b>Virtualisation servers</b>		
2	633407-421	HP DL380G7 E5645 Base EU Svr
2	633420-B21	HP DL380G7 E5645 Kit
12	500662-B21	HP 8GB 2Rx4 PC3-10600R-9 Kit
2	516914-B21	HP 8SFF Cage 380G6/G7 Kit
16	507127-B21	HP 300GB 6G SAS 10K 2.5in DP ENT HDD
2	572532-B21	HP P410 w/1G Flash Back Cache Ctrlr
2	580387-B21	HP 4GB SDHC Flash Media Kit
2	593722-B21	HP NC365T 4-port Ethernet Server Adapter
2	503296-B21	HP 460W CS Gold Ht Plg Pwr Supply Kit
2	TC278AAE	HP IC ML/DL/BL Bundle E-LTU (1yr inclsupport incl.)24x7 SW
2	UF526E	HP IC ML/DL/BL Bundle 3 yr 24x7 SW support
2	U4545E	Proliant Server DL38x 3y Support Plus24 HWSupport

### Virtualisation with Vmware (optional)

1	TD450BAE	VMw vSphere Ess+ 3yr9X5 E-LTU
1	UOB72E	VMw vSphere Ess+ 3y9X5 SW Supp

### Virtualization with Microsoft (includes unlimited license for virtual servers, always required)

2	589258-B21	Windows Server 2008 R2 Datacenter Edition 2p Reseller Option Kit
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### SAN storage

2	TA688AB	HP P4000 Virtual SAN Appliance Stock LTU
2	UQ091E	Virt SAN Appl 3yr 24x7 SW SW Supp

### LAN & SAN Network (min. Switch is 2910 24G al, but this one is preferred)

2	J9575A	HP 3800-24G-2SFP+ Switch
2	J9581A	HP X311 400W 100-240VAC to 12VDC PS
2	J9577A	HP 3800 4-port Stacking Module
2	J9578A	HP 3800 0.5m Stacking Cable

### Backup to disk

1	EJ001B	HP D2D2502i Backup System
1	UJ769E	D2D25xx 3y 24x7 Backup System Support Plus

### Backup application

2	V-VESE2VS-AP000-00-E	Veeam Essentials Enterprise 2 socket bundle for VMware Tier A
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### Value Configuration example

Quantity	Partnumber	Product
<b>Virtualisation servers</b>		
2	633407-421	HP DL380G7 E5645 Base EU Svr
2	633420-B21	HP DL380G7 E5645 Kit
12	500662-B21	HP 8GB 2Rx4 PC3-10600R-9 Kit
2	580387-B21	HP 4GB SDHC Flash Media Kit
2	593722-B21	HP NC365T 4-port Ethernet Server Adapter
2	503296-B21	HP 460W CS Gold Ht Plg Pwr Supply Kit
2	TC278AAE	HP IC ML/DL/BL Bundle E-LTU 24x7 SW
2	U4545E	Proliant Server DL38x 3y Support Plus24 HWSupport
2	UF526E	HP IC ML/DL/BL Bundle 3 yr 24x7 SW support

### Virtualisation with Vmware

1	TD450BAE	VMw vSphere Ess+ 3yr9X5 E-LTU
1	UOB72E	VMw vSphere Ess+ 3y9X5 SW Supp

### Microsoft license for virtual servers

2	589258-B21	Windows Server 2008 R2 Datacenter Edition 2p Reseller Option Kit
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### SAN storage

1	BK716A	HP P4300 G2 7.2TB SAS Starter SAN
1	UT426E	HP P4300 starter SAN 3y Support Plus 24 SVC

### LAN & SAN Network

2	J9575A	HP 3800-24G-2SFP+ Switch
2	J9581A	HP X311 400W 100-240VAC to 12VDC PS
2	J9577A	HP 3800 4-port Stacking Module
2	J9578A	HP 3800 0.5m Stacking Cable

### Backup to disk

1	EJ002B	HP D2D2504i Backup System
1	UJ769E	D2D25xx 3y 24x7 Backup System Support Plus

### Backup application

2	V-VESE2VS-AP000-00-E	Veeam Essentials Enterprise 2 socket bundle for VMware Tier A
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## Example configurations

### Essentials Configuration example

Quantity	Partnumber	Product
<b>Virtualisation servers</b>		
3	633407-421	HP DL380G7 E5645 Base EU Svr
3	633420-B21	HP DL380G7 E5645 Kit
36	500662-B21	HP 8GB 2Rx4 PC3-10600R-9 Kit
3	580387-B21	HP 4GB SDHC Flash Media Kit
3	593722-B21	HP NC365T 4-port Ethernet Server Adapter
3	503296-B21	HP 460W CS Gold Ht Plg Pwr Supply Kit
3	TC278AAE	HP IC ML/DL/BL Bundle E-LTU 24x7 SW
3	HA110A3	HP 3y Support Plus 24 SVC
3	HA110A3 7G3	Proliant ServerDL38x HWSupport
3	HA107A3	HP 3y 24x7 SW Support
3	HA107A3 4YD	HP IC ML-DL-BL SW Sup

### Virtualisation with Vmware

1	BC398AAE	VMw vSphere Ent Kt 6P 3yr9x5 E-LTU
1	HA107A3	HP 3y 24x7 SW Support
1	HA107A3 QA8	VMw vSphere Ent Kt 6P 3yr9x5 SW Supp

### Microsoft license for virtual servers

3	589258-B21	Windows Server 2008 R2 Datacenter Edition 2p Reseller Option Kit
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### SAN storage

1	BQ888A	HP P4500 G2 14.4TB SAS Virt SAN
1	HA110A3	HP 3y Support Plus 24 SVC
1	HA110A3 8W7	LH Virt SAN Soln JW Supp

### LAN & SAN Network

2	J9575A	HP 3800-24G-2SFP+ Switch
2	J9581A	HP X311 400W 100-240VAC to 12VDC PS
2	J9577A	HP 3800 4-port Stacking Module
2	J9578A	HP 3800 0.5m Stacking Cable

### Backup to disk

1	EH996A	HP D2D4106i Backup System
1	HA110A3	HP 3y Support Plus 24 SVC
2	HA110A3 9LA	D2D4100 Backup System Support

### Veeam

6	V-MGTSEVS-AP000-00-E	Veeam Mgmt Suite Enterprise (includes Backup & Replication Enterprise)
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# The Ultimate Virtualisation Infrastructure

## Example configurations

### Advance Configuration example

Quantity	Partnumber	Product
<b>Virtualisation servers</b>		
4	633407-421	HP DL380G7 E5645 Base EU Svr
4	633420-B21	HP DL380G7 E5645 Kit
48	500662-B21	HP 8GB 2Rx4 PC3-10600R-9 Kit
4	580387-B21	HP 4GB SDHC Flash Media Kit
4	593722-B21	HP NC365T 4-port Ethernet Server Adapter
4	503296-B21	HP 460W CS Gold Ht Plg Pwr Supply Kit
4	TC278AAE	HP IC ML/DL/BL Bundle E-LTU 24x7 SW
4	HA110A3	HP 3y Support Plus 24 SVC
4	HA110A3 7G3	Proliant ServerDL38x HWSupport
4	HA107A3	HP 3y 24x7 SW Support
4	HA107A3 4YD	HP IC ML-DL-BL SW Sup
<b>Virtualisation with Vmware</b>		
1	BC398AAE	VMw vSphere Ent Kt 6P 3yr9x5 E-LTU
2	TC725AAE	VMw vSphere Ent 1P 3yr 9x5 E-LTU
1	HA107A3	HP 3y 24x7 SW Support
1	HA107A3 QA8	VMw vSphere Ent Kt 6P 3yr9x5 SW Supp
2	HA107A3 2DA	VMware vSph ENT 1P NM Lic Supp
<b>Microsoft license for virtual servers</b>		
4	589258-B21	Windows Server 2008 R2 Datacenter Edition 2p Reseller Option Kit
<b>SAN storage</b>		
1	BQ889A	HP P4500 G2 28.8TB SAS Multi-site SAN
1	HA110A3	HP 3y Support Plus 24 SVC
1	HA110A3 8W8	LH Multi-site Soln JW Supp
<b>LAN &amp; SAN Network</b>		
4	J9575A	HP 3800-24G-2SFP+ Switch
4	J9581A	HP X311 400W 100-240VAC to 12VDC PS
4	J9577A	HP 3800 4-port Stacking Module
4	J9578A	HP 3800 0.5m Stacking Cable
4	J9150A	HP X132 10G SFP+ LC SR Transceiver
<b>Backup to disk</b>		
1	EH993B	HP D2D4112 Backup System
1	HA110A3	HP 3y Support Plus 24 SVC
2	HA110A3 9LA	D2D4100 Backup System Support
<b>Backup to disk</b>		
8	V-MGTSEVS-AP000-00-E	Veem Mgmt Suite Enterprise (includes Backup & Replication)