



Certified PowerVault – PowerConnect Reference Configurations

Non-Windows and VMware Hypervisors Unified Storage Solution

(Non-Redundant LAN switches version)

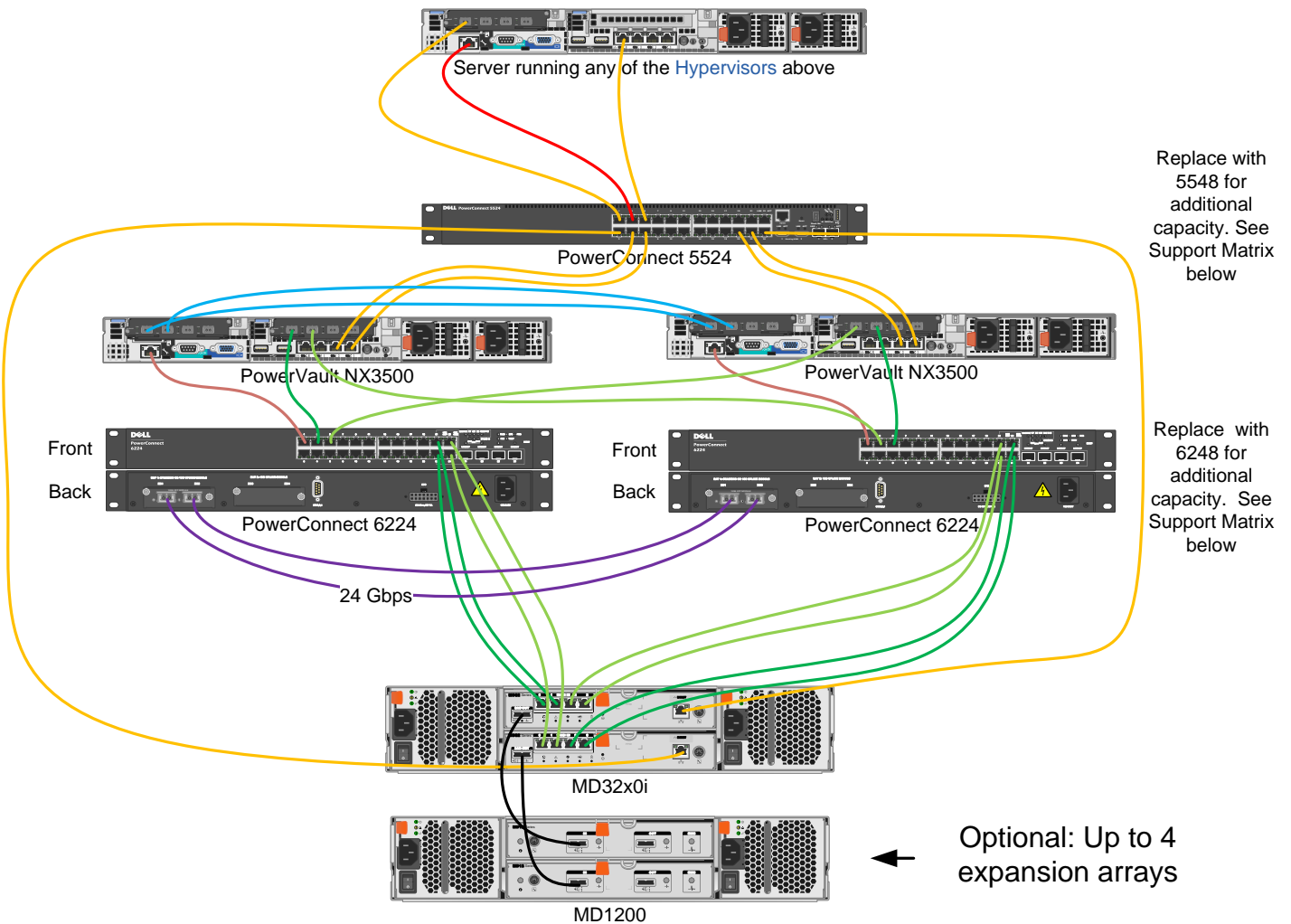
1 Gb Ethernet environment

- Any Dell Server or other
- 2 PowerConnect 6224 switches
- 1 PowerConnect 5524 switch
- 2 PV NX3500
- 1 PV MD32x0i (or PV MD36x0i)

This configuration based on Dell's PowerVault NX3500 Clustered NAS provides an affordable unified storage solutions for Non-Windows and VMware virtualization environments. It provides File (CIFS/NFS) and Block storage that can grow together with your needs, by simply adding hard drives to one or more of our PowerVault MD32x0i or MD36x0i arrays.

Hardware, Installation, Installation Support, Proactive Maintenance, Monitoring and Training services as well as array's storage capacity are not discussed/included in this configuration.

MS Hyper-V, VMware vSphere, Red Hat Enterprise Virtualization, Citrix XenServer, Linux KVM



File (NFS/CIFS) Storage Configuration

- iDrac
- LAN
- iSCSI SAN
- iSCSI Standby SAN
- ISL (Stacking)
- Internal Network A
- Internal Network B

Support Matrix:

PowerConnect 5524 Switch

Servers: 1-6

Support Matrix:

PowerConnect 5548 Switch

Servers: 1-14



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**Bill of Materials
Summary**

OPTIONAL components indicated in **BROWN**

Product	SKU	Qty	Comments
PowerConnect 6224 or PowerConnect 6248 Stacking Module, 48Gbps, Includes 1m Stacking Cable	222-6710 222-6714 320-5171	2 1	
RPS-600 External Redundant Power Supply	310-1803	1	OPTIONAL (Support four 6224 or 6248 switches)
PowerConnect 5524 or PowerConnect 5548 RPS720 Redundant Power Supply	225-0847 225-0849 331-2286	1 1	OPTIONAL (Support 4 5524 or 5548 switches)
PowerVault NX3500 DSFS NAS Power Cord NEMA 5-15P to C13 No Rack Rails or Cable Mgmt ent Arm Replication License Key Snapshots License Key Dell Scalable File System	225-0812 310-8509 330-3522 331-2146 331-2147 421-4820	2 2 2 2 2 2	
PowerVault NX3500 MultiPack PowerVault NX3500 DAO/BCC Documentation System ordered as part of Multipack order Power Cord C13 to C14 500W, 208/230V Backup Power Supply ReadyRails Sliding Rails w/o Cable Mgmt Arm	225-0908 331-2499 330-4118 330-3151 331-2434 330-4139	1 1 1 6 1 2	
PowerVault MD3200i, Rkmnt,iSCSI,12Bay,Dual HD Multi-Select Bezel Option, MD3200i RackRails, RapidRails for Dell Rack Power Cord NEMA 5-15P to C14 Lic. Key Snapshot (8 per LUN) and Virtual Disk 500GB 7.2K RPM 6Gbps, 3.5in Hotplug Hard Dr	224-8206 341-4158 313-9401 330-6048 310-9965 421-3439 342-0118	1 1 1 1 2 1 12	Can be replaced by any MD32x0i or MD36x0i arrays Can use different amounts and type of hard drives
PowerVault MD1200,Rkmnt,SAS,12 Bay HD Multi-Select 2 Enclosure Management Modules, SAS only Bezel Assembly Rack Rails, RapidRails for Dell Rack 6Gb SAS Cable, 4 Meters PERC H800A, SAS, Ext 512MG Power Cord, NEMA 5-15P to C14, 15 amp 500GB 7.2K RPM 6Gbps, 3.5in Hotplug Hard Dr	224-7198 341-4158 330-6058 313-8850 330-6048 330-6059 341-9869 310-9965 342-0118	1 1 1 1 1 2 2 2 12	OPTIONAL (Up to 4 of this expansion arrays)