



Product Bulletin: **NetApp VTL300 Bundle Promotion**

Revision History

August 2008

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This product bulletin informs NetApp sales and NetApp partners about new or changed NetApp® products or services.

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1. Summary

This product bulletin announces the introduction of a NetApp VTL300 Bundle Promotion with 1TB drive shelf (VTL300-PROMO2-SYS-14-R5). This, together with the current VTL300 Bundle Promotion with 500GB drive shelf (VTL300-PROMO2-SYS-7-R5), enhances our midmarket segment product portfolio.

2. What's New?

This product bulletin announces the introduction of the VTL300 Bundle Promotion with 1TB drive shelf (VTL300-PROMO2-SYS-14-R5).

The high-performance VTL300 Bundle, which consists of a VTL300 controller with hardware compression and a 1TB drive shelf (14TB), is targeted at the midmarket segment. The NetApp VTL300 Bundle has been priced aggressively to compete in this price-sensitive market segment. The list price represents a 15% discount from the sum of the parts, and is based on the purchase of the combined VTL300 Bundle, the VTL300 Rapid Deployment Service, limited support (12-month Software Subscription Plan ONLY), and a standard NetApp warranty.

The following table summarizes the VTL300 Bundle features.

System	VTL300 Bundle (1TB Drive Shelf) New	VTL300 Bundle (500GB Drive Shelf) Existing
Maximum Write Performance (Uncompressed)	300MB/sec	300MB/sec
Maximum Write Performance (Compressed 2:1)	650MB/sec	650MB/sec
Raw Capacity	14TB	7TB
Usable Capacity at 2:1 Compression	20TB	10TB
Maximum Raw Capacity	70TB	35TB
Maximum Usable Capacity at 2:1 Compression	106TB	53TB

The VTL300 Bundle Rapid Deployment Service is mandatory. Orders without Rapid Deployment Service will be rejected.

The VTL300 Bundle Rapid Deployment Service is limited in scope—there is no support for back-end physical tape integration and limited backup application support. Refer to the Service Brief* for more information. If additional integration is required, contact your local NetApp Professional Services manager.

3. Partner Sales Tools (Sales & SE Guides, Training Presentations)

N/A

4. NetApp Sales Tools (Customer Presentations, Datasheets)

N/A

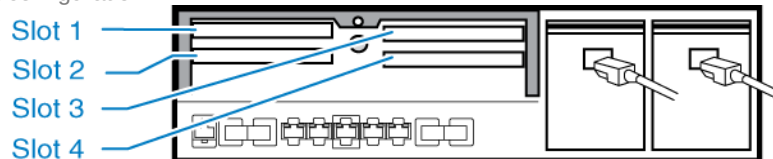
5. System Requirements

Base System Configuration

	VTL300 Bundle (1TB Drive Shelf) New	VTL300 Bundle (500GB Drive Shelf) Existing
# of controllers	1	1
4 on-board 4Gb FC ports configured as	2 front end, 2 disk ports	2 front end, 2 disk ports
Slot #1	Not used	Not used
Slot #2	Hardware compression	Hardware compression
Slot #3	Not used	Not used
Slot #4	Optional dual-port 4Gb FC HBA for tape connectivity	Optional dual-port 4Gb FC HBA for tape connectivity
Maximum raw capacity (TB)	70	35
Maximum usable capacity at 2:1 (TB)	106	53

Note: Capacity is calculated using base10 arithmetic; that is, 1TB = 1,000,000,000,000 bytes.

- Slot configuration:



- The VTL300 Bundle includes as **standard a fully loaded DS14-Mk2 AT disk shelf with 14 x 1TB SATA disks.**
- The VTL300 Bundle system is compatible with DS14-Mk2-AT disk shelves, each with 14 x (1TB/750GB/500GB) SATA disk drives.
- The VTL300 Bundle system can support 1TB, 750GB, and 500GB shelves at the same time, but drives within a shelf and RAID group must be the same.
- In the VTL300 Bundle base configurations, a hardware compression board is included as standard and is not listed in the quote.

Note: There is no support for back-end parallel SCSI devices; an external FC/SCSI bridge is required to connect SCSI tape devices. NetApp supports only embedded FC-to-SCSI bridges offered by the tape library manufacturers listed in the NetApp **VTL Compatibility Matrix** on the NOW™ site.

I/O Connectivity

VTL300 Bundle systems ordered with one to four disk shelves include as configured:

Number of Shelves	1-5
FC host connectivity ports (target)	2
FC disk connectivity ports (initiator)	2
FC tape ports	0
Compression card	1

Capacity Expansion

- The VTL300 Bundle can be expanded to support four additional fully loaded DS14-Mk2 AT disk shelves, each with 14 x (1TB/750GB/500GB) SATA disk drives.
- Best practice would be to add a 1TB SATA shelf to the VTL300 Bundle.
- NetApp VTL300 Bundle systems support up to five disk shelves.

Adding HBAs for Tape Connectivity

- The NetApp VTL300 Bundle system supports one additional dual-port FC HBA (X2053A-R6-C) for tape connectivity (slot #4).

Software Support

- The NetApp VTL300 Bundle system includes embedded VTL O/S and VTL software.

6. Product Information

The following table lists the primary system part numbers and field-replaceable units (FRUs). For a complete list of parts, refer to the current price list or Quote Tool.

Part Number	Description	Discount Category Code
VTL300-PROMO2-SYS-14-R5	VTL300,1TB SHLF,14TB,Promotion,R5	J
VTL300-PROMO-SYS-7-R5	VTL300,500GB SHLF,7TB,Promotion,R5	J
DSX-14.0TB-R5-C	Disk Shelf,14.0TB,SATA,-C,R5	B
DSX-7.0TB-R5-C	Disk Shelf,7.0TB,SATA,-C,R5	B
X2053A-R6-C	HBA,FC,2-Port,4Gb,Tape,Optical,PCle,-C,R6	A
X2053A-R6	HBA,FC,2-Port,4Gb,Tape,Optical,PCle,R6	A
PS-ZA-VTL300-P-HEAD-IMPL	VTL Implementation,VTL300 Promotion Head,ZA	S
PS-ZB-VTL300-P-HEAD-IMPL	VTL Implementation,VTL300 Promotion Head,ZB	S
PS-ZC-VTL300-P-HEAD-IMPL	VTL Implementation,VTL300 Promotion Head,ZC	S
PS-ZD-VTL300-P-HEAD-IMPL	VTL Implementation,VTL300 Promotion Head,ZD	S
PS-ZA-VTL-SHELF-P-IMPL	VTL Implementation,Shelf Promotion,ZA	S
PS-ZB-VTL-SHELF-P-IMPL	VTL Implementation,Shelf Promotion,ZB	S
PS-ZC-VTL-SHELF-P-IMPL	VTL Implementation,Shelf Promotion,ZC	S
PS-ZD-VTL-SHELF-P-IMPL	VTL Implementation,Shelf Promotion,ZD	S

Rapid Deployment Service

- The VTL300 Bundle Rapid Deployment Service is mandatory. Orders without Rapid Deployment Service will be rejected.
- The VTL300 Bundle Rapid Deployment Service is limited in scope—there is no support for back-end physical tape integration and limited backup application support. Refer to the Service Brief* (summarized below) for more information. If additional integration is required, contact your local Professional Services

manager.

- The VTL300 Bundle Rapid Deployment Service is quoted automatically with the part number <PS-Zx-VTL300-P-HEAD-IMPL> for the different zones (x: A, B, C, D) and <PS-Zx-VTL-SHELF-P-IMPL> for the different zones (x: A, B, C, D) for the shelves. Pricing is based on a percentage of system and storage pricing. Please contact your local Professional Services manager for information about the service.

* The VTL300 Bundle Rapid Deployment Service is limited in scope. It is restricted to connecting the VTL system to one backup host and does NOT include connectivity of the NetApp VTL to a physical tape library. It is restricted to NetApp VTL configurations supported by NetApp. Other implementation service exclusions are: creating custom virtual tape library definitions; backing up and restoring customer data beyond basic backup functionality (data set must be less than 1Gb); executing performance and/or stress tests; configuring the network; zoning SAN; NetApp DataFort integration; advanced host access control; installing and configuring additional software; and defining backup policies, pools, or other backup application changes outside of a basic read/write test. Customer requirements are: backup host is available, configured, and has connectivity to the SAN; backup host and application version comply with current NetApp support matrix; must have a valid support agreement for their backup application. Support service included in this bundle is a Software Subscription Plan and standard NetApp warranty. For additional services, contact your local Professional Services manager.

Software Subscription Plans

NetApp VTL 300 Bundle systems are supported fully through NetApp SupportEdge services.

Downloading

To download software, go to [NOW Download Software](#).

7. Regulatory Compliance

Products need to be validated against the NetApp Safety/EMI Regulatory Compliance List prior to order submission. This is required to ensure that products are being sold only in the countries in which NetApp has received regulatory compliance certification.

8. Warranty and Service

Standard software and hardware warranty and services apply.

9. Additional Information

Contact Information: Please contact your NetApp sales or channel partner representative with questions concerning this bulletin.