QUICKSPECS

MODELS

Microsoft Exchange Backup/Restore Solution-Uptime Booster

Overview

Compaq's *Microsoft Exchange Backup/Restore Solution –Uptime Booster* consists of a unique combination of innovative software, hardware, and services that creates Business Continuation Volumes when needed to simplify Microsoft Exchange storage management for Windows NT environments.

The products include the *RA8000 RAID Storage System* with the SANworks *Enterprise Volume Manager*, key deliverables in Compaq's Enterprise Network Storage Architecture (ENSA), and as an option, *Enterprise Backup Solutions,* using a choice of cooperative and reference *Storage Management Solutions* from partners. Detailed QuickSpecs for each of the above products can be found at:

http://www.compaq.com/products/storageworks/Storage-Management-Software/evmindex.html
http://www.compaq.com/products/storageworks/ebs/ebsindex.html
http://www.compaq.com/products/storageworks/Storage-Management-Software/wnt_sms/wnt_sms.html
Please note these web sites are available in English only.

The combination of the above provides:
- Storage Management access from any system with a web browser.
- Business Continuation Volumes.
- Clones (mirrors) of volumes.
- The ability to quiesce Exchange and make a clone/snapshot automatically at a scheduled time.
- A minimally disruptive unattended Backup of the Microsoft Exchange Store.
- Minimal impact on Exchange users.
- Expanded Backup Window for Exchange.
- Data Integrity Ensured with point-in-time consistent data.

The solution provides a time and cost saving solution for the backup and restore operation of Microsoft Exchange. Using this approach for backing up and restoring critical data has three key advantages:

1. Critical files/databases can be put back in production in much less time than restoring from tape.
2. Backup of the Business Continuation Volume can occur while the production application is running.
3. This replaces existing on-line backup operations with less impact to online users.

SYSTEM REQUIREMENTS

System Software Supported

- Microsoft Windows NT Workstation/Server 4.0 Service Pack 3 (minimum)
- For clustered environments: Microsoft Windows NT Server, enterprise Edition 4.0
- SANworks Enterprise Volume Manager
- StorageWorks RA8000 or ESA 12000 RAID Storage Systems
- Enterprise Backup System (optional)

Processors Supported

Intel

Memory Supported

Required	64 MB
Recommended	128 MB

Disk Space

Cloning and snapshots require space equivalent to the parent disk on the RA8000 or ESA12000.

Other

Windows Compatible Mouse

ORDERING INFORMATION

	Description	Part Numbers
	Compaq StorageWorks Enterprise Volume Manager for Windows NT-Intel License & Media (CD-ROM)	160094-B21
	Compaq Array Controller Software V8.5F	128697-B21
Optional	Enterprise Backup System – One of the following:	Part numbers vary
	EBS Backpaq, EBS for Workgroups, EBS for Departments or EBS for Data Centers.	See URL above.
	SAN Solution for Storage Consolidation	
	Installation and Customization of Scripts	Contact Customer Services Sales Support
	Business-Critical Availability Review	FM-AVAIL-AR
	Backup Server	