

OVERVIEW

Compaq's *Microsoft Exchange Backup/Restore Solution – Uptime Booster 2000* consists of a unique combination of innovative software, hardware, and optional services to support the creation of Business Continuation Volumes when needed to simplify Microsoft Exchange 2000 storage management for Windows 2000 environments. By creating a clone of the relevant Storage Group, these BCVs can be used for Backup and Restore operations to minimize application downtime.

The products include the *entire family of HSG80 based RAID Storage Systems* 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. Additionally the San Sizer can provide help in configuring a valid SAN configuration.

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_mgmt_software.html

The combination of the above provides:

- Storage Management access from any system with a web browser

*Business Continuation Volumes which are Clones (mirrors) of storage volumes

- The ability to quiesce a particular Exchange Storage Group and make a clone automatically at a scheduled time
- A minimally disruptive unattended Backup of the Microsoft Exchange Storage Groups
- 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 two key advantages:

1. Critical files/databases can be put back in production in much less time than restoring from tape (seconds vs. hours) thereby minimizing application downtime.
2. Backup of the Business Continuation Volume can occur faster and with no performance impact.

SYSTEM REQUIREMENTS

System Hardware and Software Supported

- Microsoft Windows 2000 Advanced Server, Service Pack 1
- Microsoft Exchange Server 2000
- *SANworks* Enterprise Volume Manager V1.1A
- *StorageWorks™* MA/RA8000 or EMA/ESA12000 RAID Storage Systems
- Enterprise Backup System (optional)

Processors Supported

Intel

COMPAQ

SYSTEM REQUIREMENTS *(continued)*

Memory Supported

| | |
|-------------|-----|
| Recommended | 4GB |
|-------------|-----|

Disk Space

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

Other

Windows Compatible Mouse

SERVICE & SUPPORT, CAREPAQ AND WARRANTY INFORMATION

Software Product Services

- Stand-alone telephone support
- Rights to new license version
- Media and documentation updates

Hardware Product Services

- Installation services
- On-site Maintenance (includes warranty support)
- Response time upgrades during the warranty period
- Post-warranty coverage
- RAID setup and performance consulting via statement of work

For additional hardware installation and maintenance information please, refer to the URL listed below:

<http://www.compaq.com/services>

Warranty Upgrade Options

- Response - Upgrade on-site response from next business day to same day 4-hours
- Coverage - Extend hours of coverage from 9 hours x 5 days to 24 hours x 7 days
- Duration - Select duration of coverage for a period of 1, 3, or 5 years

“CarePAQ” or “PSP - Priority Service Plans” Information (depending on Geography)

Sample part numbers:

- FM-**XHW-36, 3 year, uplift to 9 x 5, Next Day Response (USA)
- FM-**4HR-36, 3 year, uplift to 9 x 5, 4hr Response (USA)
- FM-**724-36, 3 year, uplift to 24 x 7, 4hr Response (USA)

** represents a two-digit, product-specific code

SERVICE & SUPPORT, CAREPAQ AND WARRANTY INFORMATION *(continued)*

“CarePAQ” or “PSP - Priority Service Plans” Information (depending on Geography) *(continued)*

- CarePAQ/PSP is defined as an upgrade to the product warranty attribute, available for a specific duration and hours of coverage.
- CarePAQ/PSP is not available for less than the product's warranty duration.
- CarePAQ/PSP is available for sale anytime during the warranty period for most products, but the commencement date will be the same as the Warranty Start Date (delivery date to end-user customer). Proof of purchase may be required.
- CarePAQ /PSP services are prepaid.

For additional USA CarePAQ (hardware & software) information, as well as orderable part numbers, please refer to the URL listed below:

<http://www.compaq.com/services/carepaq/index.html>.

Components

The following brick-level options/components do not have individual CarePAQs. These items will be included in product CarePAQs into which they are installed.

| | | | | |
|----------------|-------------------------------|----------------|-------------------|----------|
| Disk Drives | Tape Drives | CD/DVD ROM | SCSI Hubs in SBBs | Adapters |
| Bus Converters | Backplane RAID Controllers | Power Supplies | Cabling | Fans |

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www.microsoft.com/piracy/howtotell

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