

Compaq SANworks™

Enterprise Volume Manager

YOU'RE MANAGING A LARGE ENTERPRISE DATA

center. Everyday you arrive on the same battlefield to fend off attacks for your precious time and resources. Demands for access and services are exploding everywhere and you're standing in the middle of it all looking left and right, trying to determine what needs your attention most. You can't possibly do it all — if only there were two of you.

Today's enterprise data centers are battlefields where business processes cannot halt even for critical operations such as backups, system updates, or testing. No matter how long the day, one person cannot do it all ... If only you had a clone.

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Enter Enterprise Volume Manager (EVM) — clone and snapshot capabilities for the data center — and your answer to making the impossible an everyday occurrence. EVM allows you to perform key functions such as backup and data migration while keeping your applications available for day-to-day operations. EVM improves production volume application performance, enhances the use of computing and IT resources, and allows you to perform complex cloning and copying tasks through a user-friendly GUI and Script Editor.

Benefits

- Suits environments where key functions such as backup and upgrading must be done with no impact to production system volumes
- Guarantees data integrity
- Uses only minimal IT resources
- Expands backup window to 24 hours
- Enables centralized management of distributed storage

Parallel processing through cloning

With EVM's cloning capability, processes can be run in parallel to ease the strain on existing resources. A clone is a physical copy of a volume that precisely mirrors the volume data. To ensure point-in-time data integrity, the application releases the clone once copying is completed. The clone copy can then be mounted on another host to be used independently. Clones are ideal for operations, such as production testing or data warehousing, where change to the data is likely to occur.

Instant, point-in-time copies with snapshot capability

In contrast, when EVM creates a snapshot, a virtual copy of the volume is made. This capability is indispensable for operations requiring an instant copy of volume data. A snapshot can be maintained at all times to ensure rapid restore of files accidentally deleted or destroyed. In high

transaction environments, the snapshot can be replaced as frequently as hourly to minimize the potential loss of data. Both cloning and snapshot functions are ideal for backup, which can no longer be left for off-hours completion in today's complex and demanding data processing environments.

Enterprise-class service and support

The Enterprise Volume Manager includes 90-day telephone support as part of the basic product. In addition to that critical startup support, Compaq's dedicated team of highly trained and experienced storage experts are available for enterprise consultation should you need it. The real value of the Enterprise Volume Manager is that it enables organizations to affect parallel processing with complete business continuance, in a manner that is easy to use and ensures low resource impact. Not every battle can be won, but with the Enterprise Volume Manager from Compaq you can dramatically reduce the number of battles you face everyday at your enterprise data center.

Features

Allows users to perform complex cloning/copying, and enables offline application processing tasks via a user-friendly GUI and Script Editor

- Improves production volume application performance
- Enhances use of computing and IT resources
- Supports Windows NT, Windows 2000, Tru64 Unix, and Solaris
- Supports HSG8o controllers running Array Controller Software (ACS) 8.5F and 8.5S
- Web-based application that is accessible from any web browser
- Highly versatile cloning and snapshot operations
- Plug and play with other existing applications such as VERITAS Backup Exec Desktop Edition, Oracle, and SQL Server
- Separate from LAN to ensure no network performance degradation during backup
- Supports hub and switch configurations

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