

EMC Epoch Enterprise Backup for Solaris

The industry's mainframe-class enterprise client/server backup solution.

Delivering consistent, reliable, and flexible backup and recovery for your client/server enterprise.

- 1 *Heterogeneous network and platform support*
- 2 *Intelligent schedule management*
- 3 *Automatic monitoring and reporting*
- 4 *Graphical user interfaces for administration, volume management, and end-user recovery*
- 5 *High performance and scalability*



EMC's Epoch™ Enterprise Backup™ for Solaris® provides a single, scalable, enterprise-wide client/server backup solution that simultaneously supports PC platforms and UNIX® file systems from one centrally managed location.

Unattended, automatic backup file servers.

Fail-safe integration and backup/restore capabilities for expanding enterprise networks.

EMC's Epoch Enterprise Backup for Solaris is the industry's first, complete client/server backup/recovery solution which brings mainframe-class functionality, reliability, and flexibility to distributed computing environments. This single solution, which supports a variety of platforms, centralizes storage management activities to effectively reduce administrative overhead and costs. Epoch Enterprise Backup for Solaris uniquely combines both client- and server-level software to address today's backup/recovery requirements, while delivering unparalleled flexibility for tomorrow's complex data needs.

Scalable, mainframe-class backup services for your client/server environment.

Epoch Enterprise Backup for Solaris reduces the time it takes to complete backups by optimizing system performance. This is achieved through multiplexing, which maximizes system throughput to deliver substantial performance benefits. A steady stream of files is supplied to tape drives so they can operate at their highest possible speeds.

Epoch Enterprise Backup for Solaris features a highly scalable architecture. It can support networks of over 500 gigabytes and over 1,000 clients with a range of features designed to keep your data reliably safe and available. Your entire organization, large or small, can benefit from the superior capabilities of Epoch Enterprise Backup for Solaris.

High system availability increases productivity.

Epoch Enterprise Backup's high system availability maintains your ability to conduct normal business operations. Backups are conducted concurrently with those operations meaning data is safe while still being accessible. And because of the high speed capability, backups can be performed more frequently, thus insuring higher data reliability.

Epoch Enterprise Backup - backup that won't let you down.

As an Epoch Enterprise Backup product, Epoch Enterprise Backup for Solaris is a scalable, full-featured system consisting of UNIX server and client software. It is easy to use and simplifies installation, configuration and maintenance with graphical user

interfaces. Epoch Enterprise Backup for Solaris is one strategic component of the Epoch family of integrated client/server storage management products for backup and recovery, file migration, volume and robotic library management, and disaster recovery.

Flexible backup options

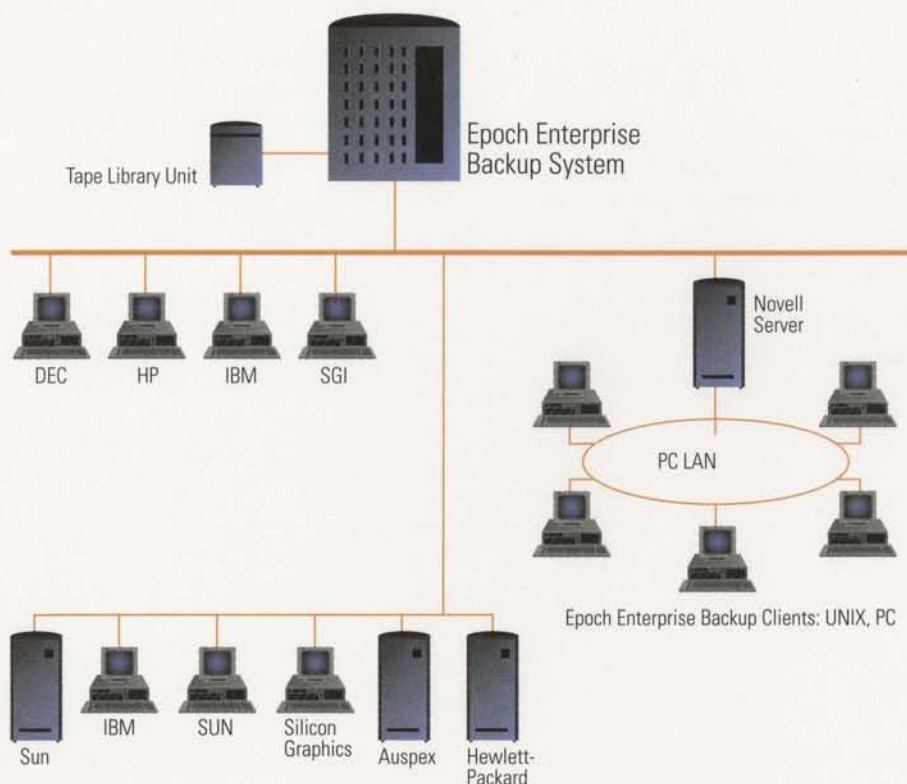
Epoch Enterprise Backup supports a variety of backup operations, including the traditional UNIX full and incremental backups and a true incremental backup. To achieve a true incremental capability, a level 9 incremental backup saves only those files that have changed since the previous backup, regardless of the level. Successive level 9 backups tend not to increase in size. Therefore, backups use less media, are completed quickly, and backup frequency is not limited.

Advanced catalog management

Using sophisticated catalog management techniques, the catalog's structure requires only a small amount of magnetic disk space for catalog storage while enabling rapid recovery through on-line catalog selections.

Highlights

- **A complete environment.**
Delivers consistent, reliable, and flexible backup/recovery for the enterprise-wide, client/server environment.
- **Centrally managed.**
Supports a variety of data formats and client/server platforms with a single, centrally managed operation.



Epoch Enterprise Backup for Solaris employs a two-tiered architecture for enterprise-wide backup and recovery. This single solution performs multiple simultaneous backups of heterogeneous platforms, systems, and data formats.

Intelligent schedule management, monitoring, and reporting

An intelligent schedule manager automatically handles all scheduling within Epoch Enterprise Backup for Solaris. Unique macro-scheduling lets administrators specify basic information about the network's

environment. Epoch Enterprise Backup then designs the backup schedule for all clients on the network.

To further ensure backup reliability, a coverage monitor continually watches for changes in the network's configuration. The coverage monitor reports new file systems

that have been added to client systems that are not getting backed up. Reports also document media usage and history, how much space remains on backup volumes, how many new volumes are available, where volumes are located, and how many volumes are needed for backups.

Multiplexing to tape drives and simultaneous backup

Multiplexing to tape drives means that multiple client machines can be backed up simultaneously, ensuring that a steady stream of files is supplied to the tape drive so that it can operate at its highest speed. Multiplexing maximizes system throughput.

Resilience to client and network errors

Epoch Enterprise Backup is resilient to individual system, network, and device failures. When Epoch Enterprise Backup for Solaris detects an error with one system, it continues to service other systems. This means that an individual or network failure will not affect the backup of other systems. Epoch Enterprise Backup automatically reschedules failed clients and re-load balances the entire schedule. A report immediately notifies administrators when a problem has occurred.

For more information.

For more information on EMC's Epoch Enterprise Backup for Solaris call your authorized EMC distributor. Or call EMC directly at 1-800-424-EMC2.

- **High system availability.**

Concurrent backups leave normal business operations unaffected and insure data reliability.

- **Intelligent scheduling management.**

Macro-scheduling auto-generates efficient client backup schedules and reports all additions and exceptions.

- **Graphical user interfaces.**

GUI interface simplifies installation, configuration, and management.

Technical Specifications

Heterogeneous Client Support

EMC Epoch Enterprise Backup for Solaris supports the following platforms.

Apollo®, Auspex®, Data General®, DEC® ULTRIX®, Hewlett Packard HP-UX®, IBM® AIX®, Intergraph®, MIPS®, Motorola® 88K-based machines, NCR®, Novell NetWare™, SCO/UNIX, Sequent®, Silicon Graphics®, Solbourne®, SunOS™, and Solaris®.

Contact EMC Corporation for the most current listing of supported platforms.

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