

maximizing uptime
and availability



hp storage solutions
for Lotus Domino



reduce downtime
from hours to
minutes

optimize Lotus Domino with hp storage solutions

HP offers storage solutions that facilitate successful implementation of Lotus Domino. These storage solutions will help you:

- **maximize availability:** HP designs backup and recovery solutions that maximize data availability by completing recovery operations within minutes, rather than the hours required for conventional restore methods. HP storage arrays have built-in mirroring technology and redundancies that dramatically reduce the risks of unplanned downtime.
- **ensure scalability:** With online capacity additions, virtualization and support for a SAN environment, HP storage solutions for Lotus Domino can be quickly scaled to meet the most demanding environments.
- **enhance manageability:** By integrating the HP OpenView Storage Area Manager toolset with Lotus Domino and enterprise storage applications, HP delivers operational efficiencies that allow you to manage more data while reducing costs — without increasing resources.

strategic storage solutions for increasing your ROI

Today, every second counts. Downtime of your Lotus Domino messaging infrastructure — even for planned backup and routine maintenance — can mean a financial loss to your company. In the always-on e-commerce world, downtime and lengthy recovery mean lost transactions and profits. In more traditional organizations, downtime and recovery can result in delays to order processing, customer contact and supplier transactions — all of which impact your profitability.

A strategic problem calls for more than technology. It calls for a strategic solution. If you depend on Lotus Domino as the foundation for your mission-critical messaging infrastructure, HP has good news for you.

The HP StorageWorks Rapid Restore for Lotus Domino storage solution delivers nearly instantaneous restoration of your Lotus Domino environment on the HP StorageWorks Enterprise Virtual Array (EVA), and ensures the integrity of the recovered data. This powerful solution simplifies the recovery process for database administrators — saving hours of downtime in the recovery process as compared to traditional tape-based restore.

The Rapid Restore solution protects your business from disasters occurring as a result of software or data corruption. As a result, you can get your users up and running in minutes — not hours.

“We’ve seen speed improvements of 50 percent because of Domino, ProLiant CPU speeds and SAN storage. And the cluster configuration ensures that this business-critical application is always up and running.”

Thomas Bullinger,
IT Communications Manager,
Carl Zeiss

HP and Lotus: a proven partnership

HP and Lotus have a strong alliance built on more than 15 years of working together on multiple generations of key technologies and products. Lotus has played an important role in this ongoing relationship because for more than a decade, HP has provided enterprise customers with tested Lotus Domino solutions built using HP servers, storage and management tools.

HP is the world's leading supplier of Lotus Domino installations. HP also has experience in implementing and managing enterprise-class Lotus Domino environments, ensuring that the StorageWorks Rapid Restore solution:

- Maximizes your online processing time, allowing you to increase revenue
- Delivers optimum availability for business-critical messaging
- Automates your processes for better use of resources

benefit from the strength of ProLiant servers

The StorageWorks Rapid Restore for Lotus Domino storage solution combines the best of ProLiant G2 server technology with leading HP storage hardware and software — an unbeatable combination for maximizing availability of Lotus Domino.

Example of a tested configuration for up to 32,000 users:

- 4-node ProLiant DL760 Datacenter Cluster
- ProLiant DL360 as a backup server
- HP StorageWorks Enterprise Virtual Array (EVA) 2.0
- HP StorageWorks Enterprise Volume Manager (EVM) 2.0d
- HP OpenView Storage Management Appliance software V2.0
- Veritas Backup Exec 8.6 or HP OpenView Storage Data Protector

- **enable consolidation:** HP allows enterprises to deploy the same storage solutions for Lotus Domino as for other strategic applications. You can realize significant economies of scale by consolidating multiple servers into a small set of high-performance systems. HP also provides centralized management tools and processes to simplify administration of heterogeneous consolidated SAN-based storage environments
- **achieve rapid deployment:** To satisfy the unique messaging and collaboration demands of any enterprise, HP designs storage solutions to be easily expanded and customized.

reduce risk with a proven solution

With the HP StorageWorks Rapid Restore for Lotus Domino storage solution, you benefit from a fully qualified and characterized configuration designed to maximize availability and reduce downtime.

By providing tested solutions that include all the critical elements you need — server, storage, tape backup, management software, services and more — HP helps you configure and implement a desired Lotus Domino solution, minimize the investment and reduce risk. Each solution represents a fully tested, supported and scalable Lotus Domino solution that provides a clearly defined service level.

key benefits

HP storage solutions for Lotus Domino are:

resilient: provide best practices to maximize Lotus Domino availability during database recovery scenarios

available: perform faster and more efficient backups without utilizing production server resources — ultra fast recovery quickly restores business to operational mode

manageable: provide for automated solution management through the use of customizable scripts and use of HP appliance software and third-party backup software

comprehensive: take the guesswork out of deployment. Includes all necessary components, both HP and third-party, to ensure predictability and control

optimized: provide automation and problem-free deployment performance data and best practices because of included scripting examples and kit

easy to service and support: deploy characterized, pre-tested components, resulting in simplified installation and support

benefit from our experience

While technology is a key component of the Rapid Restore for Lotus Domino solution, technology alone does not solve complex business problems. Protecting your critical business operations takes some preparation.

Don't go it alone. HP can help you design, build and implement a solution that protects your entire environment — including planning, disaster tolerance and recovery services. Contact your HP sales representative for more information.

Only HP can:

- Provide pretested, fully configured solutions that match specific business requirements by integrating HP hardware, software, services and support along with best-in-class partner offerings
- Ensure data protection by integrating software, tape library and storage, and by supporting optical libraries for long-term archiving
- Deploy common interfaces for all storage management solutions, regardless of device or infrastructure.

To learn more about HP Rapid Restore for Lotus Domino and other Lotus Domino solutions, contact your local HP sales representative or visit:

<http://www.hp.com/solutions/lotus>

near instant recovery

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