



HP and Symantec

HP Enterprise Backup Solution with Symantec
next-generation data protection

Brochure



For centralized, end-to-end management of heterogeneous protection services

Data is the lifeblood of your business. In today's competitive landscape, availability and integrity of data is essential in maintaining sustainable business operations. Not only do you need access to data today, you may even be legally required to have access to historical data.

The backup and recovery process is key to data protection and is becoming a major challenge for most organizations. IT departments face demands to provide a higher quality backup and recovery service at a time when data volumes are exploding and budgets are being squeezed. Backup and recovery are a particular concern for IT managers, who now need to handle larger and more complex volumes of data as they reduce cost and increase service to the business.

Fast recovery from downtime minimizes losses, increases the availability of your revenue-generating applications, and maximizes business agility. Fast recovery depends on the operational efficiency of your backup and recovery management environment, and how well that environment is integrated with your storage and virtual infrastructures. A successful integration makes your storage infrastructure more efficient, easier to manage and less costly. But achieving that integration can be time-consuming and complex, especially with today's migration to virtualized infrastructures. With your own IT resources stretched to the limit and numerous other business priorities on your plate, how can you accomplish the integration?

Turn to HP and Symantec for fast and effective integration

The HP Enterprise Backup Solution (EBS) with Symantec next-generation data protection integrates your backup and recovery solution into an existing or new storage infrastructure. HP EBS provides end-to-end management of your entire integration process—including all planning, implementation, procurement, post-implementation reporting and testing activities—minimizing the operational impact and risks associated with backup and recovery management integration.

The Veritas NetBackup platform

The Veritas NetBackup platform delivers unified, disk- and tape-based data protection, archival and recovery management that scales to protect the largest UNIX®, Microsoft® Windows®, Linux and NetWare environments. From remote offices to the data center, NetBackup offers comprehensive protection and a single console for the management of all backup and recovery operations. This centralized management platform provides integrated data de-duplication, data archiving, migration and retention capabilities that address regulations for governance and compliance. Advanced reporting on backup and recovery operations enable service-level management of all protected data in your enterprise.

Unified protection and recovery management

To leverage existing infrastructure investments while taking advantage of HP disk-based data protection technologies, the NetBackup platform simplifies and centralizes the management of your diverse backup environment from a single console. You can now unlock the power of disk-based backup to reduce recovery point objectives (RPOs) and recovery time objectives (RTOs), leveraging any type of disk infrastructure, as well as virtual tape libraries (VTLs). Snapshots, data protection, retention and recovery requirements can be automated with predefined storage lifecycle policies that correspond to the service levels you want to achieve for your applications.

Advanced recovery of critical applications

Aggressive RPOs and RTOs are required to keep mission-critical applications constantly available. Meeting those objectives requires tight integration of the backup and recovery process with the applications and databases they are protecting. It also requires granular recovery to improve recovery time; instant recovery options from online images; and complete system recoveries of operating environment, application and data in minutes. The NetBackup platform satisfies these requirements with key features such as granular recovery capabilities for Oracle, IBM DB2, Sybase, SAP, VMware, Microsoft SharePoint Portal Server and Microsoft Exchange.

Getting started

Our HP EBS begins as our HP Technology Consulting team builds an understanding of your business and IT environment. Once that has been accomplished, we work with you to develop a comprehensive service catalogue, integration plan and timetable. Then, we design an architecture that meets your critical needs, identify gaps in your infrastructure, procure and install the Symantec software, implement your solution, validate and monitor the configuration, and provide optional ongoing support and problem resolution consulting.

When you use HP EBS with Symantec next-generation data protection, you can count on:

- Expert analysis to define your backup policies and operational procedures, as well as planning to meet your future needs
- Fast implementation of a configuration tailored to reduce your total cost of protecting data
- Significantly reduced potential for business interruptions due to installation or configuration problems in a complex, heterogeneous environment
- Unified protection and recovery management
- An industry-leading backup and recovery software

Meeting your backup integration needs

HP offers different levels of backup and recovery services:

| Component | Description |
|--|--|
| Design workshop | Based on your specific needs, a dedicated storage engineer works closely with you to tailor a detailed backup strategy. |
| Backup integration strategy/ onsite audit | We analyze your system storage layouts; review relevant backup and restore policies, hardware, software and environmental factors; analyze the impact of backup on your production environment; and develop and document a detailed implementation plan and timetable, including pre-installation changes to your host configurations, technical solution, cutover schedule or backup, recovery and testing plans. |
| Software installation and configuration | In this step, we install equipment and software, integrate your backup solution, run planned system tests (such as a consistency check of databases after recovery), and reconfigure your environment for normal operation. |
| Implementation and testing of application | Application agents such as SAP, Oracle, Microsoft SQL Server and Microsoft Exchange are implemented and tested. |
| Agents | |
| Integration of installed VTLs and disk arrays | We integrate the installed hardware into Veritas NetBackup, and then test the tape library. We test the connectivity and functionality of the hardware and perform any required configuration changes for the backup operation. |
| In backup software environment | |
| Backup tests | After we complete your backup integration, we test all aspects of your solution, including backup and recovery of applications, consistency checking of the data after restore, and basic functionality of applications after recovery. Once we complete these tests, we prepare your environment for normal backup operation. |
| Knowledge transfer/solution hand over | At this stage, we review operational changes with your support staff, document your new backup environment, and turn over the newly implemented solution to you. |
| Project management | A project manager works closely with you to determine your special requirements and customize a statement of work that defines the precise support you'll receive. Your project manager then schedules and manages service delivery to your satisfaction. |
| Optional ongoing support for your new environment | Our service does not stop once we turn your integrated backup and recovery solution over to you. We are committed to providing ongoing support for your new environment. |



Benefits of using HP EBS

Using HP EBS to integrate your backup solution into your storage infrastructure can result in numerous benefits to your organization:

- **Reduced cost:** An integrated backup solution can reduce the cost of downtime associated with scheduled backup, as well as unscheduled restoration. In addition, a standardized backup environment can reduce hardware, software, maintenance and staffing costs.
- **Reduced risk:** By optimizing data availability and providing service reporting, HP and Symantec reduce the risk of lost business, productivity and profitability associated with data losses caused by disruptions in production and order processing, regulatory penalties, contract cancellations, legal fees and damages.
- **Fast restore:** With HP EBS, your IT environment can be restored in hours, rather than days, leading to increased application availability and increased revenue.
- **Scalability:** The scalability of an HP/Symantec solution allows you to add servers and storage capacity as your business grows, enabling growth and flexibility while protecting your investment.
- **Extended protection:** Data protection extends from the desktop to the remote office to the data center, reducing data loss and operating costs.
- **Shortened recovery:** Granular recovery from a single e-mail or file to a complete data center allows for a shortened data recovery time.

For more information on HP mixed environment storage specific consulting and support services, please contact your local HP sales office or visit www.hp.com/go/storage and www.symantec.com.

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