



NetApp™
Go further, faster



Software

NetApp SnapDrive Software

Simplify storage virtualization and management

KEY BENEFITS*

Simplify management

Simplify management of your business-critical information with our advanced server-based storage virtualization.

Respond quickly to growth

Expand your storage on the fly with no downtime.

Speed backup and restore

Backup and restore data in seconds with integrated Snapshot™ technology.

Increase availability

Perform online cloning and replication of production data without causing any downtime. Our seamless support for native cluster managers also helps you increase availability.

THE CHALLENGE

Managing expensive enterprise data storage infrastructures

In today's global marketplace, enterprises of all sizes are producing enormous amounts of business-critical information from a variety of sources: enterprise applications, corporate e-mail, data warehouses, and line-of-business applications. While trying to keep up with the explosion of digital information, companies have created cumbersome, expensive-to-maintain storage infrastructures. Now these organizations are struggling with the high costs of managing their enterprise information.

THE SOLUTION

Use NetApp SnapDrive software for cost-effective storage virtualization

With SnapDrive® software from NetApp, you can reduce the cost and complexity of managing storage for your company by enabling flexible and efficient utilization of storage resources to improve data and application availability. SnapDrive software offers a rich set of capabilities to virtualize and enhance storage management for your Microsoft® Windows®, Linux®, and UNIX® environments. SnapDrive tightly integrates with your native file system and provides a layer of abstraction between application data and physical storage associated with that data.

INCREASE STORAGE UTILIZATION

By complementing native disk and volume management with virtualization capabilities, SnapDrive allows you to easily create virtual disks from pools of storage that can then be distributed among several storage appliances. This server-based virtualization optimizes your storage utilization and lets you respond easily to rapidly changing storage needs.

Storage managed by SnapDrive logically appears to come from a locally attached storage subsystem. In reality, the capacity comes from a centrally managed pool of networked storage that has enhanced attributes.

MANAGE VOLUMES DYNAMICALLY

Your business does not have to stop every time your IT organization has to add more storage. With SnapDrive, you can add, delete, map, unmap, and mirror virtual disks online. You can expand capacity on the fly with no impact to application or system performance.

ENABLE BUSINESS CONTINUANCE

Continual access to business-critical information is your best competitive weapon in today's economy. Your employee productivity, customer satisfaction, and company reputation hinge on the ability

of your IT infrastructure to guard against data loss and ensure rapid recovery from unforeseen disasters. SnapDrive is designed to meet your need for continual data access for applications, rapid backup, and replication for business continuance.

INCREASE RELIABILITY

For your mission-critical applications, information uptime is paramount. SnapDrive provides the greatest level of reliability for these applications by seamlessly integrating with the OS-specific cluster manager. SnapDrive simplifies management of cluster resources, virtual disks, and Snapshot copies in your Microsoft Windows environment, making failover completely transparent. SnapDrive also lets you use a virtual disk as a quorum device.

SPEED BACKUP AND RESTORE

SnapDrive integrates Snapshot technology to give you near-instantaneous point-in-time images of application and user data. These point-in-time images require minimal disk space and cause no disruption to service. SnapDrive also gives you access to Snapshot copies by mounting them as virtual disks. You can use these virtual disks for routine administrative tasks such as online backup, testing of new applications,

or population of data marts with absolutely no downtime to your business-critical information.

You can restore data in seconds with NetApp SnapRestore® and SnapDrive.

INCREASE AVAILABILITY

SnapDrive configured with NetApp SnapMirror® software enables seamless online replication to provide you with global data availability and protection against disasters or application failures. Your entire storage environment, including virtual disks and Snapshot copies, can be mirrored to one or more storage appliances. Continual updates of mirrors ensure that your data is current and available. Our online replication technology performs intelligent resynchronization of any data that you modify during application testing or while recovering from a broken mirror.

LOWER YOUR TOTAL COST OF OWNERSHIP

SnapDrive offers a rich set of innovative capabilities that directly translate into significant benefits for your IT organization. SnapDrive simplifies your storage management and maximizes asset utilization to give you a more versatile and responsive IT infrastructure.

SIMPLIFY MANAGEMENT

SnapDrive makes management simple and intuitive in the Windows environment by allowing administration through the Microsoft Management Console or a command line. Interactive wizards and easy-to-use interfaces will guide your administrators through all management tasks and create automatic schedules of operations. SnapDrive comes with an intuitive command line for script-based automation in the UNIX environment.

INCREASE RESPONSIVENESS

You can dramatically improve the availability and responsiveness of your enterprise applications with the flexible storage management infrastructure enabled by SnapDrive. SnapDrive is ideally suited for mission-critical database and messaging applications. The following software and platforms provide support for SnapDrive:**

- Data ONTAP® 6.5.2 and later
- Windows
- ESX Server
- Solaris™
- HP-UX
- AIX
- Red Hat Enterprise Linux
- SUSE Linux Enterprise
- Oracle® Enterprise Linux

* Features and functionality vary for the various operating systems supported. Refer to the latest OS-specific administrative guide for the exact capabilities.

** For detailed system requirements, refer to the system requirements section for SnapDrive on <http://now.netapp.com>.

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NetApp creates innovative storage and data management solutions that help you accelerate business breakthroughs and achieve outstanding cost efficiency. Discover our passion for helping companies around the world go further, faster at NetApp.com.



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