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Go further, faster



Software

NetApp CommandCentral Storage by Symantec

Increase storage efficiency with a single management console for heterogeneous storage environments

KEY BENEFITS

Boost visibility

Dynamically map applications through the SAN to the underlying storage.

Increase storage utilization

Reclaim lost or wasted storage and forecast your capacity requirements.

Reduce management costs

Automate monitoring of data path elements and generate policy-based availability and performance reports.

Simplify processes

Streamline and standardize provisioning using a single management tool across your heterogeneous storage infrastructure.

THE CHALLENGE

Simplify management of heterogeneous storage

Managing different storage resources with different management software can easily undo the benefits you gain by centralizing storage resources and/or management. If you can't see all the elements along a data storage path, it can be hard to know what storage resources you already have in place, how these resources are being utilized, or how your resources are performing. It is even more difficult to ensure that your applications have adequate resources to meet performance and availability commitments. To avoid potential failures, you need to be able to monitor and manage the capabilities and health of all elements of the data storage path. Even if you have storage from different vendors, you should still standardize your storage management and provisioning, which will enable you to scale using only a single solution.

THE SOLUTION

Centralize management with NetApp's CommandCentral Storage by Symantec

Using the single management system in CommandCentral™ Storage, you can:

- See all your data storage path elements
- Optimize storage capacity
- Implement policy-based availability
- Identify performance hot spots
- Streamline the provisioning process across heterogeneous infrastructures
- Automatically discover critical business and infrastructure applications
- Proactively manage applications and their resources
- Increase performance to meet service-level agreements

CommandCentral Storage extends the NetApp Manageability Software Family to bring the benefits of simplified data and storage management to enterprise Fibre Channel and iSCSI SAN environments that have mixed storage from a variety of vendors.

Boost visibility

Your supporting storage systems have to meet appropriate service levels to ensure that your applications measure up to availability and performance requirements. With CommandCentral Storage, you can dynamically map applications to underlying storage and see the end-to-end data paths from applications to physical storage so that you can proactively identify potential bottlenecks and points of failure.

Increase storage utilization

When you can accurately track availability and resource usage, using metrics such as storage burn rates, you can forecast, plan, and budget without risk of underutilization. Our CommandCentral Storage provides the tracking and metrics-generating functions that let you do just that.

Reduce management costs

One way to keep overall availability and performance high is to keep component failures low. With the centralized health

monitoring in CommandCentral Storage, you can detect problems before they become failures and easily create and customize database and storage reports. CommandCentral Storage allows you to automate monitoring of the following components:

- Arrays
- Switches
- Host bus adapters
- Hosts
- Applications

Simplify processes

With CommandCentral Storage, you can standardize management with a common interface for most of your management functions. You also get the data you need to streamline and optimize the provisioning process, greatly reducing the time it takes you to deploy an application and perform change management. Because CommandCentral Storage complies with many industry standards and is compatible with numerous

vendor interfaces, you can preserve your investments in hardware and training now and in the future.

CommandCentral Storage features an intuitive Web-based interface that lets you control multiple Fibre Channel and iSCSI SAN and NAS resources from a single point. CommandCentral Storage supports multiple operating systems, including:

- IBM
- AIX
- HP-UX
- Sun™ Solaris™
- Red Hat Linux®
- Microsoft® Windows®
- VMware® ESX Server

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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