



SOFTWARE

NETAPP STORAGE SUITE

“NetApp Operations Manager software enabled our team to centrally manage and distribute configurations to the 150-plus NetApp systems we now have.”

KEITH OBORN

Head of Network Systems Architecture, NTL

KEY FEATURES

Centralized Storage Management

NetApp Operations Manager provides a centralized console to monitor and manage multiple NetApp storage devices from one location.

NetApp CommandCentral Storage by Symantec provides a centralized console to monitor and manage multiple heterogeneous storage devices in a large scale SAN environment from one location.

Detailed Asset Management

Incisive reports lead to improved resource and capacity utilization.

Centralized Configuration Management

Ensures that hardware infrastructure meets business policies.

File-Level Utilization, Reporting, and Analysis

Enables a file-level view and management for higher resource utilization.

Centralized Monitoring and Reporting

Supports faster problem resolution.

With NetApp Storage Suite, storage administrators have tools for centralized configuration and asset management of NetApp storage, SAN environments, and heterogeneous storage environments.

THE CHALLENGE:

Doing More with Less

In today's global economy, you are charged with accomplishing more tasks using fewer people and systems. When it comes to storage management, you need software tools that give you a full picture of storage resources and let you manage multiple storage and network devices from a central console.

THE SOLUTION

With NetApp Storage Suite products, consisting of Operations Manager, File Storage Resource Manager, and CommandCentral Storage, your storage administrators will be able to do more with less. Instead of managing separate physical storage systems, storage administrators will be able to view and manage multiple devices from central consoles.

NetApp enables IT organizations to complement storage consolidation with storage management consolidation.

OPERATIONS MANAGER

NetApp Operations Manager is a powerful, easy-to-use application for managing a NetApp storage infrastructure from a single console. It allows your storage administrators to rapidly deploy, provision, and manage a complete enterprise storage network.

Operations Manager performs automatic discovery and monitoring of storage and can support configuration management that conforms to corporate standards for information protection and privacy.

With Operations Manager, your administrators obtain intelligent, comprehensive reporting that features utilization reports and trending information. This is a great help for capacity planning, space usage, and Snapshot™ allocation. This information shows how physical resources are being affected by data utilization and data protection decisions.

Operations Manager features:

- Single management console for managing multiple systems from one console, reducing manual effort, complexity, and costs
- Detailed asset management reports for improved resource and capacity utilization
- Automated configuration management that reduces manual effort and time spent troubleshooting configuration problems
- ChargeBack for tracking and allocating departmental usage costs
- Monitoring of MultiStore® logical partitioning
- Alerts and trend analysis for proactive planning

Operations Manager also provides quota management. Administrators can set soft thresholds and hard quotas. The system then issues policy violation notices. These Operations Manager features all contribute to better storage utilization.

FILE STORAGE RESOURCE MANAGER

File Storage Resource Manager (FSRM) helps your administrators to understand the types of files in the storage environment.

Data is classified in terms of file size, file age, modification history, access history, file type usage, and file owner usage. This data classification information gives a clear picture of data in the organization, enabling you to put policies in place to eliminate stale data, unused data, and data stored by personnel who are no longer with your company.

COMMANDCENTRAL STORAGE

NetApp CommandCentral Storage (CCStorage) by Symantec provides a centralized operational console for delivering storage management services in large-scale, heterogeneous Fibre Channel and iSCSI SAN environments. It provides

heterogeneous storage resource management, including provisioning, performance, and policy management. CCStorage also offers customizable policy-based management to automate notification, recovery, and other user-definable actions.

CCStorage provides end-to-end visibility with the ability to dynamically map applications to the resources they consume and to implement storage tiers to match data to the appropriate storage devices based on business requirements. It enables improved storage capacity management with the ability to reclaim lost or wasted storage and to forecast current and future storage capacity requirements. Centralized health monitoring allows you to automatically monitor the necessary elements of the data path, including arrays, switches, HBAs, hosts, and applications, and to alert on any availability or performance issues based on predefined policies. CCStorage provides heterogeneous storage provisioning that streamlines and standardizes the provisioning process with a single management tool across the heterogeneous storage infrastructure.

CCStorage brings efficient end-to-end management of heterogeneous SAN storage resources and drives service level agreements, ensuring improved performance and availability.

ABOUT NETWORK APPLIANCE

Network Appliance is a leading provider of innovative data management solutions that simplify the complexity of storing, managing, protecting, and retaining enterprise data. Market leaders around the world choose NetApp to help them reduce cost, minimize risk, and adapt to change. For solutions that deliver unmatched simplicity and value, visit us on the Web at www.netapp.com.

