

EMC ALPHASTOR

Media lifecycle and tape library management for enterprise environments

ESSENTIALS

Complete Media Management

- Track the location of tapes onsite or offsite
- Define and enforce tape rotation policies
- Manage the lifecycle of each tape, from first use to retirement
- Report on tape usage, current location, and other critical metrics

Library Consolidation

- Dynamically share tape resources with multiple backup servers
- Support mixed media libraries
- Centrally view and manage tape devices across the enterprise

IT organizations that rely on tape for backup and recovery face a number of device and media management challenges. These include reliability, underutilization of resources, undeveloped policies, error-prone manual processes, and inability to forecast capacity requirements. To address these challenges, EMC® AlphaStor® works in tandem with EMC NetWorker® to provide an easy-to-use, comprehensive solution for tape and library management.

MEDIA TRACKING AND ROTATION

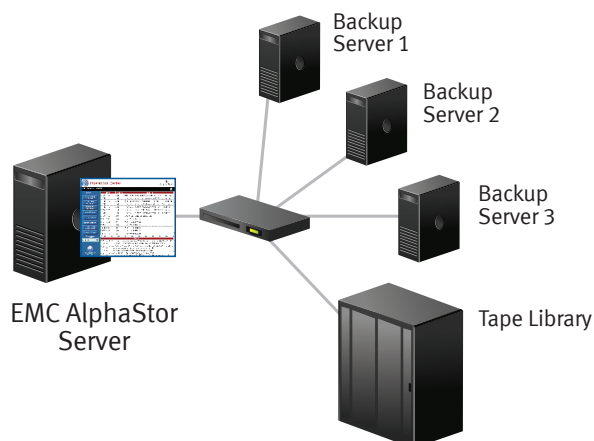
Any organization with a large number of tapes is aware that management of media from within a device or library to an onsite location and subsequent offsite location—and back again—can be challenging. To ensure security of data as well as recoverability, it is vital to know the status and location of all tape media and at what stage each tape is in its lifecycle. AlphaStor enables you to schedule, track, and automate the movement of all media, regardless of location. This helps you ensure tapes are moved offsite according to corporate security and audit policies but also provides the assurance that when required, tapes can be located and returned.

DYNAMIC SHARING OF TAPE DRIVES AND LIBRARIES

Many IT organizations are seeking to reduce the amount of tape used for backup and recovery to increase reliability and reduce management and maintenance costs. AlphaStor helps drive consolidation of tape resources by enabling dynamic sharing of one or more tape libraries. By creating a separation between data movement and the ownership and allocation of tape devices, AlphaStor allows back-end tape device and library resources to

Library Sharing and Consolidation

AlphaStor enables dynamic sharing of drives and libraries across multiple backup servers.



be managed as a consolidated “pool” that can be shared across multiple backup servers. AlphaStor allocates and reassigns shared drives automatically to back up and restore jobs, improving tape drive efficiency.

Over time, many IT organizations have utilized a number of different tape formats such as SDLT, LTO-3, and LTO-4. AlphaStor enables you to share a tape library that uses mixed media types and eliminates the need to maintain and operate multiple libraries.

CENTRALIZED MANAGEMENT AND REPORTING

To simplify the process of operating tape media and hardware, AlphaStor provides users with a consolidated list of media, device, and library activity from a single Web-based console. Management functions are shown in an easy-to-use interface that ensures even entry-level backup administrators can successfully perform required tape operations.

The AlphaStor interface features enterprise-level reporting to help IT organizations better plan for, manage and inform the business about tape and media usage.

SPECIFICATIONS

ALPHASTOR SERVER PLATFORMS

- Microsoft Windows Server
- Sun Solaris
- Red Hat Enterprise Linux
- Novell SuSE Linux
- VMware ESX
- VMware vSphere

NETWORKER STORAGE NODE PLATFORMS

- Microsoft Windows Server
- Sun Solaris
- HP-UX
- Red Hat Enterprise Linux
- Novell SuSE Linux
- Oracle Enterprise Linux
- CentOS Linux
- IBM AIX



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EMC Corporation
Hopkinton, Massachusetts 01748-9103
1-508-435-1000 In North America 1-866-464-7381
www.EMC.com

EMC Backup Recovery Systems
Santa Clara, California 95054
1-408-980-4800 In North America 1-866-933-3873

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