EMC NETWORKER
Unified backup and recovery

ESSENTIALS

Centralized Management

- Simplifies, centralizes, and automates backup and recovery for heterogeneous enterprise data
- Supports extensive operating system and virtual server environments
- Streamlines protection of database, email, and ERP applications

Traditional and deduplication backup and recovery

- Provides common management interface and single catalog for all backups
- Reduces backup times, required network bandwidth, and total backup storage required
- Enables tape-free disaster recovery

Simple and easy to use

- Simplifies management with central, web-based graphical user interface
- Supports tiered protection and flexible recovery options

ACCELERATE BACKUPS WITH CENTRALIZED, AUTOMATED BACKUP AND RECOVERY

EMC® NetWorker® backup and recovery software centralizes, automates, and accelerates data backup and recovery across your IT environment. Boasting record-breaking performance and flexibility, NetWorker protects critical business data in a fast, secure, and easy to manage way.

Whether your organization is a small office or a large data center, you can trust that your data will be protected with NetWorker. NetWorker users know and trust that their data is backed up and recoverable in the event of user error, data loss, system outage, or catastrophic event. And, all your business applications remain in service while data backups are taking place, for zero downtime.

CENTRALIZED BACKUP AND RECOVERY MANAGEMENT

NetWorker delivers centralized backup and recovery operations for complete control of data protection across diverse computing and storage environments.

- Storage area networks (SANs), network-attached storage (NAS), and direct-attached storage (DAS).
- UNIX, Windows, Linux, OpenVMS, and Macintosh operating systems.
- Critical business applications including IBM DB2; Informix; Lotus; MEDITECH; Microsoft SQL Server, Exchange, SharePoint, Active Directory; MySQL; Oracle; SAP; SAP HANA; and Sybase.
- Virtual environments, including Hyper-V, VMware®, Xen, and Solaris Zones.
- Backup storage options including, tape drives and libraries, virtual tape libraries, disk arrays, deduplication storage systems, and cloud storage.

PERFORMANCE AND SECURITY

NetWorker delivers enterprise-class performance and security to meet even the most demanding service level requirements. Integration with advanced technologies such as array-based snapshots (both block and file), continuous data protection (CDP), and the VMware vStorage APIs for Data Protection provides fast, efficient, and non-disruptive backup.

NetWorker accelerates protection and significantly reduces the impact of data protection operations from production environments. Support for FIPS 140-2 compliance, 256-bit AES encryption, secure lockbox access control, enhanced user authentication, and role-based authorization ensure information security.

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INTEGRATED DEDUPLICATION FOR ACCELERATED BACKUP AND RECOVERY
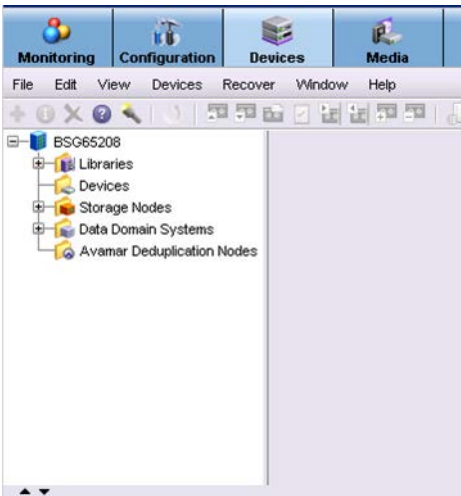
Exponential data growth, regulations, aggressive service level agreements, and shrinking backup windows—all of these factors are driving IT managers to consider new approaches to data protection. Data deduplication is the enabling technology for next-generation data protection solutions. By reducing the size of backup datasets by an average of 10 to 30x, backups can be retained on site longer for fast operational restores, and replicated offsite efficiently over existing network links for disaster recovery and multi-site tape consolidation.

EMC NetWorker is the only backup software application to provide seamless integration with the industry's two leading deduplication solutions—EMC Avamar® and EMC Data Domain® deduplication storage systems. With the addition of deduplication technology, EMC NetWorker enables you to leverage both traditional and deduplicated backup in the same environment. NetWorker simplifies deployment and lets users choose the right solution for the right backup workload. It also reduces the complexity and risk of introducing new capabilities as your data protection requirements evolve.

EMC NETWORKER AND EMC DATA DOMAIN

NetWorker integrates with EMC Data Domain Boost—a software option that extends the capabilities of Data Domain solutions—to significantly increase performance and simplify management. With DD Boost the deduplication process is distributed to the NetWorker client, storage node or application host, enabling each to send only unique data segments to a Data Domain system. This increases the aggregate throughput by up to 99 percent, reduces the amount of data transferred over the network, and decreases CPU utilization on the NetWorker storage. NetWorker Client Direct, which allows the storage node to be by-passed in the backup process, further amplifies the benefit of DD Boost from the client file system or application directly to the Data Domain system. The improved efficiency provides the ability to drive more backups from a single backup server. It also reduces the need for storage nodes, thus reducing cost and resource management requirements.

With DD Boost, NetWorker can control the replication of data between multiple Data Domain systems and provide backup administrators with a single point of management for tracking all backups and duplicate copies. WAN-efficient Data Domain replication eliminates the need for tape-based backup and recovery for disaster recovery.

Management of Data Domain systems, from configuration to day-to-day operations, is greatly simplified with NetWorker:

- Wizard-based discovery and configuration streamlines the setup of Data Domain systems
- Customizable SNMP monitoring captures Data Domain alerts and messages
- Replication monitoring displays Data Domain replication status and statistics
- Reporting reflects Data Domain capacity, utilization, and deduplication efficiency

EMC NETWORKER AND EMC AVAMAR

NetWorker enables users to take advantage of the benefits of EMC Avamar with a single, integrated client and a single software footprint that delivers the flexibility for users to easily choose deduplicated or traditional backup—or both.

NetWorker offers flexibility in deployment of Avamar within the backup and recovery environment. There are two physical deployment options: Avamar Data Store, a complete pre-packaged solution that integrates Avamar software with EMC-certified hardware for streamlined deployment; and Avamar software that can be deployed on a range of certified, industry standard servers.

UNIFIED CONTROL AND MANAGEMENT

By providing a common management interface and unified backup and recovery workflows, NetWorker with Avamar and Data Domain deduplication helps customers achieve new levels of efficiency without adding administrative complexity. Existing NetWorker customers can enjoy the benefits of deduplication without the complexity of adding another backup user interface and workflow.

EASE OF USE

NetWorker simplifies installation, configuration and day-to-day data protection management through an easy-to-use, intuitive interface.

Capabilities include:

- A customizable web-based GUI with built-in reporting to simplify administration
- Wizards to guide setup and modification of device configurations and backup jobs
- Multi-tenancy enables private cloud-based backup services
- Common sign-on using LDAP and Active Directory
- VMware environment backup management through tight integration with VMware vCenter™
- Event-based backup delivers flexibility to run backups by condition rather than time

CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, contact your local representative or authorized reseller— or visit us at www.EMC.com.

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