

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
- Enables and automates data protection services in support of enterprise data protection plans
- Enables long-term retention of backups to private, hybrid or public clouds with client direct CloudBoost and Data Domain Cloud Tier

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

- Provides the same enterprise-level user experience whether protecting applications and data residing within a data center or the public cloud
- Simplifies management with central, web-based graphical user interface
- Easy-to-deploy NetWorker Virtual Edition quickly enables backup and recovery for the Software Defined Data Center
- Supports tiered protection and flexible recovery options
- Automate common workflows through REST API

DELL EMC NETWORKER

Unified Backup and Recovery

Whether your organization is a small office or a large data center, leverages on-premises resources or applications in the public cloud, Dell EMC NetWorker[®] provides a common user experience to protect your data.

ACCELERATE BACKUPS WITH CENTRALIZED, AUTOMATED BACKUP AND RECOVERY

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. NetWorker Virtual Edition speeds deployment for the Software Defined Data Center. Available with your NetWorker license, it is a pre-configured virtual appliance optimized for backup and recovery performance. 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), including Dell EMC XtremIO, Dell EMC ProtectPoint, 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. Block Based Backup for Windows and Linux filesystems, Microsoft Exchange, and Hyper-V enable backup performance of up to 5x faster than file-based methods. Support for 256-bit AES encryption, secure lockbox access control, enhanced user authentication, and role-based authorization ensures information security.

NETWORKER CLOUD EXPERIENCE

Organizations are moving toward cloud-based environments for greater flexibility and cost reduction. With Dell EMC CloudBoost and Data Domain Cloud Tier, NetWorker also delivers highly efficient and secure long-term retention of backups to Dell EMC Elastic Cloud Storage private cloud, the Virtustream Storage Cloud enterprise-class public cloud object-storage service, as well as to a selection of additional public cloud offerings. Whether you're protecting applications and data residing within your data center or the public cloud, NetWorker provides the same enterprise-level user experience.

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 up to 38x, 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.

NetWorker provides seamless integration with the industry's leading deduplication solution—Dell EMC Data Domain deduplication storage systems. NetWorker also supports Dell EMC CloudBoost® client direct for source-side deduplication in the cloud. With the addition of deduplication technology, NetWorker enables you to leverage both traditional and deduplicated backup in the same environment, for on-premises and cloud-based workloads. 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.

NETWORKER AND DATA DOMAIN

NetWorker integrates with Dell 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 reduces the amount of data transferred over the network by 99% and reduces backup times by up to 50%. 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. Similarly, administrators can use the NetWorker UI to centralize orchestration of Data Domain Cloud Tier. With NetWorker, administrators can natively control data movement policies from within NetWorker, thereby managing which clients are backed up on-premises, and which are tiered off-premises for long-term retention in public, private or hybrid cloud.

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
- Natively control data movement policies for Data Domain Cloud Tier for long-term retention of backups, with streamlined recovery
- 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

Join the [NETWORKER ONLINE COMMUNITY](#) to meet fellow users and share best practices.

DELL EMC CLOUDBOOST

For those customers who want to back up deduplicated data to or within cloud without Data Domain Cloud Tier, CloudBoost is a cloud-enabling solution that enables users of NetWorker to leverage resilient, simple and scalable cloud storage -- specifically "object storage" -- for client direct long-term retention of backups and in-cloud backup. LTR and in-cloud backup with CloudBoost is secure, automatic and effective in reducing consumption of precious resources such as network bandwidth and cloud capacity itself. CloudBoost extends your existing data protection solution to the cloud.

CloudBoost employs client direct, fine-grained source-side deduplication, client-side encryption, compression and a host of WAN optimizations to speed performance -- and, in the process, reduces the consumption and cost of resources such as network bandwidth and cloud storage capacity itself.

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, including snapshots and ProtectPoint
- The same enterprise-level user experience whether protecting applications and data residing within a data center or the public cloud
- Long-term retention to private, hybrid, or public clouds with the Data Protection Suite Family, CloudBoost and Data Domain Cloud Tier
- Unified Data Protection Search for content-based search, and recovery of backup data across NetWorker and Avamar with the Data Protection Suite Family
- Automates data protection services by chaining tasks into policies that act as service tiers for simplifying data protection management and quick onboarding
- NetWorker Virtual Edition--NetWorker server pre-packaged as a virtual appliance for rapid deployment in the Software Defined Data Center
- VMware backup management through tight integration with VMware vCenter™
- Automate common workflows through REST APIs
- Multi-tenancy enables private cloud-based backup services
- Enablement of end users to deploy virtual machines, as well as add them to backup policies and perform image and FLR backups and recoveries via VMware vRealize Automation
- Common sign-on using LDAP and Active Directory



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