

# DELL EMC NETWORKER

## Unified Backup and Recovery

### BENEFITS

#### CENTRALIZED MANAGEMENT

- Simplifies and automates backup and recovery operations
- Integration with DPC offers centralized alerting, reporting and search
- Management of Data Domain from within the NetWorker UI

#### DATA DOMAIN INTEGRATION

- Enables long-term retention of backups to the cloud with Data Domain Cloud Tier
- Instant access and recovery of VMware Image backups
- Reduce infrastructure utilization and cost

#### CLOUD BACKUP AND RECOVERY

- Cost effective backup to object storage in the cloud
- Simplified deployment in native cloud formats
- Flexible backup and recovery for Azure Stack

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

#### Centralized Backup and Recovery

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

- Virtual and physical environments
- Critical business applications
- Storage area networks (SANs), network-attached storage (NAS), and direct-attached storage (DAS).
- Backup storage options including, tape drives and libraries, virtual tape libraries, disk arrays, deduplication storage systems, and object storage in the cloud.

#### 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) and the VMware vStorage APIs for Data Protection provides fast, efficient, and non-disruptive backup. Superb performance includes:

- Deploy a vProxy in less than 5 minutes
- Protect thousands of virtual machines with a single server
- Protect thousands of virtual machines through a single vCenter
- Support for 256-bit AES encryption
- Secure lockbox control
- Enhanced user authentication
- Role based authorization

## NetWorker Cloud Experience

With cloud capabilities, NetWorker offers a solution for cloud data protection with optimizations to secure your data everywhere. NetWorker Virtual Edition (NVE) offers simple deployment in AWS and Azure by taking advantage of native cloud formats, Azure AME and Azure VHD.

**Backup in the cloud** for scenarios where you have applications running in public cloud and wish to use object storage for all backup workloads, including short term backups for operational recovery and long term backups for compliance. NVE, configured with Data Domain Virtual Edition (DD VE), offers a cost effective data protection solution by utilizing DD VE on object storage in the cloud. NVE with Data Domain scales to 96TB, providing scalable protection to support large workloads.

**Backup in Azure Stack** for scenarios when you need data protection with simple deployment and management. NVE in Azure Stack supports backup of guest-level filesystems as well as application in a consistent state.

**Long Term Retention to the Cloud** allows data to be natively tiered to the public, private or hybrid cloud for long --term retention. Orchestration occurs directly within Avamar UI.

## NetWorker and Data Domain integration

NetWorker integrates with Data Domain delivering efficient, flexible data protection solution while reducing infrastructure utilization.

- Reducing the amount of data transferred over the network by 98%
- Reducing backup times by up to 50%
- Reducing protection storage by up to 36x
- Instant access to VMware Image backups

NetWorker Client Direct enables backup of client file systems or applications 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.

Management of Data Domain systems and performing of 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
- Secure data protection with integration into Data Domain Retention Lock

## Simply Modern Management for Backup

Data Protection Central (DPC) includes customizable, intuitive dashboards that make problem identification and resolution simple. The software provides monitoring critical activities, provide active management, and search with integrated recovery - all from a single pane of glass. The management software provides visibility across multiple sites and multiple systems including NetWorker, Dell EMC Avamar and Dell EMC Integrated Data Protection Appliance. DPC allows a majority of daily tasks to be accomplished within one interface.



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