

# EMC NetWorker Options

## Expand the scope and scalability of your NetWorker deployment

### The Big Picture

- Add specialized functionality to drive greater performance and simplify management
- Increase coverage to bring your entire IT infrastructure under central control and command
- Make the most of your backup resources to reduce costs and meet demanding service level requirements

EMC® NetWorker™ options add specialized functionality to basic backup and recovery operations to enhance performance, simplify management, and scale your data protection operations.

### Storage Node

Storage Nodes help scale out and increase performance by enabling additional server resources for data movement in the backup and recovery environment. Storage Nodes drive data to disk, tape, and virtual tape in the backup environment and send all file index and location data to the central NetWorker server for tracking. To free network resources, Dedicated Storage Nodes can be used to exclusively backup large application or database clients directly to local or SAN-attached backup media.

### DiskBackup Option

The DiskBackup Option enables you to leverage high-capacity, high-speed disk arrays to protect and recover data. With support for concurrent read/write operations, you can perform critical backup and recovery operations at the same time, from the same device. This includes the ability to simultaneously backup and recover data, as well as simultaneous staging of backups from disk to tape, improving tape storage performance and return on investment. DiskBackup Option delivers NetWorker's complete performance and management capabilities when backing up to disk, including automated staging and cloning with single-step recovery. The result: lower total cost of ownership, reduced recovery times, and greater operational efficiency.

### Virtual Tape Library Option

The Virtual Tape Library (VTL) Option enables users to connect and control VTLs for disk-based backup and recovery with NetWorker. VTLs make it easy to adopt backup-to-disk while preserving existing tape-based NetWorker settings and workflows. The VTL Option provides the flexibility to configure and reconfigure VTL devices as needed to meet backup and recovery goals without concern for licensing changes.

### Autochanger Modules

Autochanger Modules automate NetWorker backup and recovery operations with tape libraries and silos.

### EMC Centera Backup and Recovery Module

The EMC Centera Backup and Recovery Module enables full and incremental backup and restore of EMC Centera storage systems to ensure operational recovery from NetWorker.

### Archive Module

The Archive Module enables capture of files or directories as they exist at a specific time, and writes the data to tape archive storage volumes that are not subject to automatic recycling. Archive save sets have no expiration date and can be browsed indefinitely. This is useful tool when decommissioning systems or servers to ensure a copy of data is maintained in case future access is needed.

## SnapImage

The SnapImage Module delivers low impact block-level data movement to speed backup and recovery for high-density file systems on UNIX and Windows. Based on the Network Data Management Protocol (NDMP), SnapImage significantly reduces the time to backup millions of small files and provides flexible recovery options at the file, directory, or volume level. Together with intelligent switches, SnapImage enables serverless data movement in the SAN fabric.

## Simple Network Management Protocol Module

The Simple Network Management Protocol (SNMP) Module allows NetWorker servers to send notification messages to SNMP management agents. Customers using a centralized management console for network management can see NetWorker messages—such as warnings and critical errors—that require administrative attention.

## Dynamic Drive Sharing

Dynamic Drive Sharing (DDS) brokers SAN-attached tape drives in a NetWorker “datazone,” ensuring fast and complete backup and recovery jobs and maximizing your tape library investment.

## NDMP Client Connection

The NDMP Client Connection can back up network-attached storage (NAS) devices in your NetWorker environment. Combined with NetWorker and the DiskBackup Option, NDMP Client Connection offers the unique capability to back up NAS devices to disk. EMC helped develop the Network Data Management Protocol (NDMP), the industry standard for backup and recovery of NAS devices.



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### Take the next step

For more information about EMC NetWorker and other EMC backup and recovery solutions, contact your local EMC sales representative or authorized value-added reseller, visit [www.EMC.com](http://www.EMC.com), or call **800.607.9546** (outside the U.S.: +1.925.600.5802).