EMC NETWORKER MODULE FOR MICROSOFT

Unified data protection for Microsoft

To simplify protection and recovery of Microsoft environments, EMC® NetWorker® and the NetWorker Module for Microsoft provide a single, unified solution that leverages Microsoft Volume Shadow Copy Service (VSS) for snapshot-based protection and recovery of Microsoft Exchange, SQL, SharePoint, and Active Directory, as well as SQL VDI for transaction log-based backup. NetWorker also delivers a common platform that offers support for both traditional backup technologies as well as next-generation data deduplication that reduces the size of backup data—before it is transferred across the network and stored to disk.

ESSENTIALS

Flexible protection and recovery

- Employs Microsoft Volume Shadow Copy Service
- Supports Granular Level Recovery for immediate item level restores
- Offers single-step recovery from disk or tape

Traditional and deduplication backup and recovery

- Provides a common management interface
- Block Based Backup increases backup performance by up to 5x faster than file-based methods
- Reduces backup times, required network bandwidth, and total backup storage required

Simple and easy to use

- Simplifies configuration with wizards
- Supports easy shadow copy scheduling and management
- Enables application administrator control using their own management tools through integrated plug-in's
- Enables application administrator control and protection resilience with federated backup support

VSS-BASED PROTECTION

NetWorker and NetWorker Module for Microsoft make use of the VSS framework to enable consistent and efficient protection and recovery for major Microsoft Server business applications.

- Enables creation of point-in-time copies of application data
- Leverages VSS software or hardware providers to enable flexible and efficient copy creation and Block Based Backup
- Facilitates backup to secondary media while applications are online and in use

DEDUPLICATION

EMC NetWorker and the NetWorker Module for Microsoft provide seamless integration with the industry's two leading deduplication solutions—EMC Avamar® and EMC Data Domain® deduplication storage systems. Deduplication revolutionizes disk-based data protection, significantly reducing backup data and providing network efficient disaster recovery. NetWorker and the NetWorker Module for Microsoft deduplication support:

- Integration with Data Domain systems via EMC Data Domain Boost (DD Boost) software drives new levels of speed and efficiency for managing data center workloads
- NetWorker Client Direct with multi-stream DD Boost implemented directly on the application server offers unsurpassed backup performance while reducing required hardware infrastructure
- Deduplication via Avamar solves critical backup challenges in remote offices
- Network-efficient replication with deduplication for fast and reliable disaster recovery protection
- A common index and media database ensures reliability and recoverability
- Integrated software and hardware deduplication solutions from EMC deliver unmatched reliability and efficiency.

FLEXIBLE BACKUP AND RESTORE OPTIONS

NetWorker supports multiple options for moving data from snapshots to backup media such as disk, tape, and virtual tape as well as highly flexible choices for recovery.

EXCHANGE PROTECTION

- Block Based Backup enables forever full backups, including logs, and an increase in backup performance by up to 5x
- Database and log protection includes full and incremental backups
- Granular Level Recovery (GLR) for message level restores
- Exchange Database Availability Group (DAG) federated backups for optimized performance that adapt dynamically to changes in the database environment

SQL PROTECTION

- Integration with Microsoft SQL Server for fast, online, reliable backup and recovery
- SQL Server protection with AlwaysOn Availability Groups and policy control for AlwaysOn Availability Group federated backups using SQL Server Management Studio (SSMS)
- On demand backup and restore using NetWorker plug-in for SSMS
- Fast point in time, direct and re-directed database recoveries
- Complete protection for on-premises SQL Server 2014 secondary databases in hybrid cloud deployments

SHAREPOINT PROTECTION

- Farm level VSS federated backup for disaster and granular recovery (GLR)
- Disaster recovery options for full farm including configuration, content, shared services, search and index
- Federated backup features enable use of SQL AlwaysOn Availability Groups
- Instant Granular Level Recovery for item level restores, including SharePoint Remote BLOB Storage (RBS) configurations

HYPER-V PROTECTION

- Full image and guest-level backups of Hyper-V with disaster recovery and granular protection
- Block Based Backup increases backup performance by up to 5x
- Impact-free federated Cluster Shared Volume (CSV) backup
- Flexible on-demand recovery using NetWorker add-in for System Center Virtual Machine Manager (SCVMM)
- Flexible image recoveries to original or alternative Hyper-V servers and instant Granular Level Recovery (GLR)

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