

CommVault Galaxy® Data Protection 7.0 for Novell GroupWise and Systems Environments

Key Benefits

- ▶ Simple—easy to use browser interface with anywhere, anytime management
- ▶ Fully protect GroupWise Post Offices—browse and restore by Post Office
- ▶ Restore individual mail messages using Restore Area
- ▶ Supports GroupWise TSA accurate, dependable backup and recovery
- ▶ Complementary backup solution for Netware, OES, NDS, and SuSE Linux data

Easily add capabilities for protection, archive, replication and snapshot recovery, all managed from the same Unified Console.

The Business Problem

Today, email is a critical application for every organization. It serves as a vital communication link between customers, employees and organizations. But managing and protecting the growing volume of messages generated every day puts a special burden on an IT staff. For organizations that rely on Novell GroupWise as their mail application, its unique architecture of distributed Post Offices presents special challenges to ensure all mail is protected and recoverable in case of a disaster.

The CommVault® Solution

CommVault Galaxy® backup and recovery software for Novell GroupWise fully protects Post Offices and vital messaging data using Novell's standard GW TSA API interface. CommVault® software offers individual mail users the ability to recover their own deleted messages by leveraging the GroupWise Restore Area capability. This eliminates one of the major headaches for an IT staff, recovering individual messages inadvertently lost by end users.

Better Management of Data Protection

CommVault Galaxy software features a far more flexible and intuitive user interface plus powerful policy-driven storage management capabilities. Lights-out automation of backup and recovery reduces operational cost and improves IT productivity. Context-sensitive right power clicks let administrators perform essential tasks in a fraction of the time normally required. And to find data quickly, administrators can browse backed-up Post Offices according to a specific date or time.

Integrated Solution for Novell Environments

CommVault's backup solution protects GroupWise Post Offices running on either NSS or traditional Netware volumes. Clustered deployment of GroupWise is supported either via our GroupWise iDA or using the "cluster aware" TSAFS. The File System agent protects data on Open Enterprise Server (OES) and Netware servers—easing migration between Novell Netware and SuSE Linux operating environments. In addition, CommVault offers a Netware Directory Services agent to protect NDS objects individually and your NDS schema.

CommVault Galaxy® Backup & Recovery

CommVault Galaxy software is a "best-of-breed" solution engineered for adaptive deployment, superior performance, and painless automation. Storage Policies, a core capability, make it simple to implement even the most intricate data and storage management strategies and enforce them across the enterprise. Its innovative architecture allows the Galaxy storage management intelligence to adapt to any data or storage model affording seamless support of NAS and SAN storage models.

Easy, Secure Novell NetWare System Administration

Just one simple click lets administrators restore an entire server or individual NDS object. Recover Organization, Organizational Unit and Common Name individually from the easy-to-use Unified Console interface.

Rename a file before it is recovered? The CommVault Galaxy Unified Console makes it easy. Administrators can recover earlier file versions using a modified name—which protects the current file from accidentally being re-written and lost.

Key Features and Benefits

Features	Benefits
Perform full, incremental and differential backup at database and Post Office level	Complete protection of all GroupWise data.
Restores messages from GroupWise Restore Area	Provides users with fast, granular recovery of deleted messages with IT involvement.
Multiplex backup data	Quicker backups using multiple data stream to optimize storage resource utilization.
Disk to disk backup	Faster backup performance with fewer failures due to hardware deficiencies.
NetWare File System iDA support for Storage Management Services (SMS)	Instead of running the scan phase in its entirety, backup of the NetWare file system uses SMS to avoid needing to build a collection list of all of the files that must be protected. This significantly reduces the amount of time required to scan the file system as part of backup.
Automatic restarts of failed backups	Assures that data protection is complete; Saves time; Reduces backup windows.
Self-healing process	Increases reliability of data protection strategy by persistent retries of failed jobs.
Single unified view of all storage resources	Provides a strategy to manage that's more cost effective, and much more efficient than conventional storage management solutions.
Automatic use of secondary copies	If a primary copy is unavailable, the secondary copies transparently and automatically fulfills the request.
Data aging based on retention	Prevents accidental overwrites of critical data.
Two-part indexing	Storage media is self-describing so index can never be lost. Rebuilt automatically is deleted from cache.
Browse Post Office data	Vastly improves and simplifies data browsing across servers.
Right "Power" click shortcuts in browser interface	Improves administrator efficiency, saves time, and ensures administrative tasks are completed accurately.
Default parameter configuration at installation	Ensures total data protection quickly upon installation of software.
Browser-based remote administration	Saves time and resources.
Media Agents, iDataAgents and CommServe™ software are modular components	Implement advanced data protection strategies for either centralized or distributed storage.
Logical, as opposed to physical, view of the enterprise	Provides transparent management across different physical entities, like servers, libraries, and applications as well as easy grouping of like entities.
N-tiered architecture with adaptive deployment	Deploy protection strategies while retaining flexibility to meet changing needs.
Total media management capabilities	Enterprise control of libraries, drives, and media that's comprehensive, automated and transparent.

System Requirements

GroupWise | 6.0, 6.5, 7

Platforms | Novell NetWare 6.5 — clustering options are supported.
| *VMware server virtualization is supported for NetWare Server iDA.*

Note: System Requirements are subject to change. For up-to-date System Requirements including 32- and 64-bit systems support, please refer to product documentation on the CommVault website at <http://www.commvault.com>

SIMPANA™ software suite

CommVault's Simpana™ suite of Data Protection, Archive, Replication, Resource Management and Search software is designed to work together seamlessly from the ground up, sharing a single code and common function set. This exclusive single-platform architecture enables unparalleled software efficiency, performance and reliability for unprecedented control over data growth, costs and risk.

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