



An integrated approach to today's overlapping backup and recovery challenges

Key Takeaways

Distributed data, disappearing recovery windows, and exploding volumes of information aren't just making backup and recovery challenges bigger—they are adding entirely new challenges. Reining in these interrelated and overlapping complexities demands not only new capabilities, but also better integration of the tools and technologies that deliver those capabilities.

EMC continues to tackle these challenges, both with new solutions that address focused improvements in backup and recovery, and enhanced integration to let you manage the entire backup and recovery process with greater simplicity and certainty than ever before.

Managing the distributed backup challenge

EMC® NetWorker® adds support for de-duplication, so now one of the industry's most popular backup applications can manage one of the most important new capabilities. By integrating NetWorker with EMC Avamar®, tens of thousand of customers can reduce the total volume of their file system backup before it consumes network bandwidth and data center storage and resources. And they can do it from within the trusted and proven NetWorker framework they already know and use.

Making recovery more granular—and more predictable

NetWorker now also provides continuous data protection (CDP) through integration with EMC RecoverPoint, so customers can achieve far better control of recovery points and strategies, with no disruption to today's backup management processes. Bringing the power of NetWorker to CDP means users can now set policies, manage scheduling, and automate other key tasks using the familiar NetWorker interface.

Adding more scale and efficiency to disk-based backup

Customers are deploying backup-to-disk for more data than ever. EMC is keeping pace with new disk library models and features that improve performance, data protection, and utilization, while also increasing total raw system capacity. This lets you apply disk-based backup across more tiers of applications and data than ever before—economically and easily.

Giving you visibility to more of your backup infrastructure

Today's infrastructures are complex and multi-vendor. So EMC is expanding the scope of EMC Backup Advisor software to analyze and report on a wider variety of backup products from Computer Associates, CommVault, and Network Appliance. Now the alerting, monitoring, trouble-shooting, capacity planning, and performance monitoring capabilities of Backup Advisor can be applied across more of your backup landscape, giving you an integrated view of even the most complex backup and recovery environments. Other new features of Backup Advisor give you encryption, permission management, and a host of other security options to make backup more secure.

What We Announced

Integration of EMC NetWorker with EMC Avamar

EMC NetWorker integration with Avamar enables:

- Simple deployment of deduplication in existing NetWorker environments. The Avamar Data Store comes preconfigured with Avamar software, and NetWorker Client Distribution automates deployments.
- Centralized management through the look and feel of the NetWorker management console for client installation of de-duplication software, update and configuration, schedule and policy setting, monitoring and reporting on de-duplication, indexing and browsing of de-duplicated data, and recovery processes.
- Flexibility to manage backup and recovery with or without de-duplication based on customer requirements.

Integration of EMC NetWorker and RecoverPoint CDP capabilities

This integration, via the NetWorker PowerSnap module, allows NetWorker to schedule, set policies, browse the index of snapshots, and monitor and report on RecoverPoint activities. Users can:

- Recover CDP snapshots through either the NetWorker GUI or CLI.
- Use CDP snapshots for backup-to-disk or tape targets for longer-term protection

Increased multi-vendor support and new features for EMC Backup Advisor

EMC Backup Advisor is an enterprise-class analysis and reporting tool that provides greater visibility into the complete backup and recovery environment. With this new release, EMC has added:

- Support for CommVault Galaxy, CA ARCserve, Symantec Veritas NetBackup PureDisk, and Network Appliance NearStore VTL.
- New utilization and trending reports for EMC disk libraries.
- Windows Vista and 64-bit Linux support.
- Select localization support for Japanese, Chinese, Korean, and French.
- Improved security and performance, including Windows authentication for SQL Server, audit trails of all configurations, encrypted communications, role-based permissions, and SSL authentication.

New EMC DL4000 Disk Library models with additional RAID and disk options

EMC also announced three new disk library models in the DL4000 series, giving customers more choices for scale and performance in disk-based backup. These models give the DL4000 series scalability in capacity from 337 TB to 674 TB. New RAID options include RAID 6 protection for improved resiliency without sacrificing performance or capacity utilization. Hardware compression is also supported on these new models to increase utilization.