Quest®
Recovery Manager
for Active Directory

From Quick, Scalable Restore of Granular Objects to Full Forest Recovery

Human error and hardware or software failures can easily corrupt Active Directory (AD), system configurations or Group Policy data. In addition, AD objects can often be modified or deleted by mistake and faulty scripts can overwrite attributes. The result is unplanned system downtime and hours, or even days, of lost user productivity.

Quest® Recovery Manager for Active Directory empowers you to recover from inadvertent deletions or changes to your AD data in minutes, not hours. With its remote, online, granular restore capability, you can recover entire sections of the directory, selected objects and individual attributes without taking AD offline.

More significant disasters can also occur, such as an unwanted schema extension and irreversible corruption of the database. The result is significant directory downtime that can render business-critical applications unavailable for days. This type of disruption adversely affects employee productivity and ultimately your organization's bottom line.

In the event of a major disaster, Recovery Manager for Active Directory Forest Edition quickly restores your entire forest to a point in time before the corruption occurred. By selecting unaffected backups, quarantining the damaged environment and automating all the manual steps required to facilitate the recovery, Forest Edition greatly reduces downtime.

The exclusive, unrivaled technology of Recovery Manager provides unique advantages and benefits:

Online, Granular Restore

Directory objects are restored without the need to restart domain controllers. This eliminates downtime and any impact on users who are logged on to the network.

Comprehensive Recovery Options

Recovery Manager is the only solution of its kind that offers restore of any object in AD, including users, groups, computers, organizational units (OUs), sites, subnets, configuration and Exchange storage groups. This feature allows organizations to achieve near-zero downtime when restoring data.

Integration with Native Tools

Recovery Manager seamlessly integrates with *all* Microsoft native tools enabling users to work with a familiar interface. Comprehensive integration includes AD Users & Computers, AD Sites & Services, and AD Domains & Trusts.
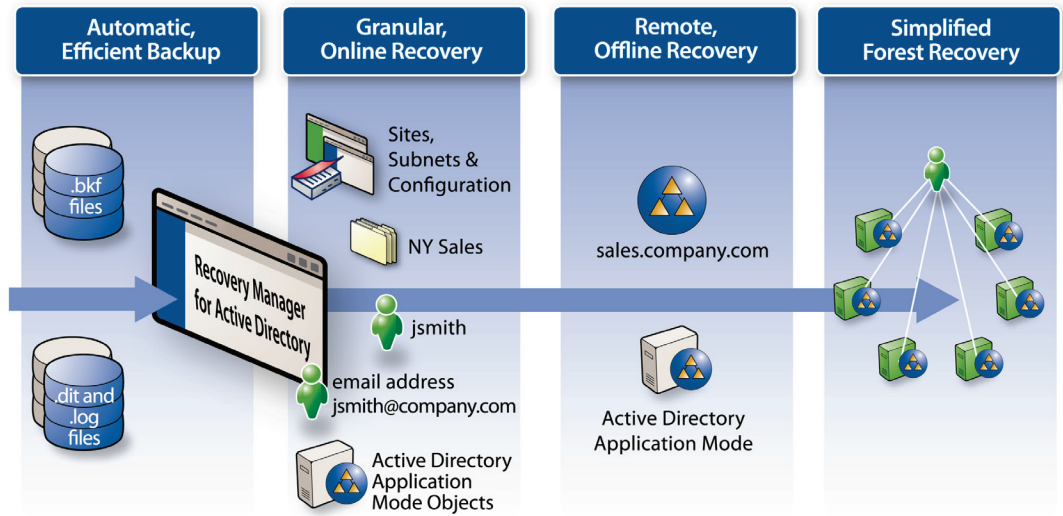
Attribute-Level Restore

Recovery Manager can also restore individual attributes, such as account settings, group memberships and binary attributes, even when the object itself has not been deleted. This enables administrators to restore only the required attributes without affecting other attributes.

Comparison Reporting

Reports compare the online state of AD with its backup and highlight changes made to the directory data since the backup. This accelerates and simplifies the recovery process. Comparisons can also be made between different backups.

PowerShell Support

Integration with Windows PowerShell allows for flexible scripting of Recovery Manager's powerful capabilities, making it easy to integrate with other applications.

Advanced Remote Restore

Restores can be performed remotely through domain controllers, closest to the source of the problem. Replication latency becomes a non-issue.

Increased Active Directory and Group Policy Reliability

Recovery Manager allows administrators to back up AD as efficiently as possible, making it feasible to back up several times a day, while still using less storage than other recovery solutions. The resulting backup is more accurate and reflects the latest changes to directory data.

Scalable, Flexible Backup of Active Directory

Recovery Manager allows centralized management of System State backups for domain controllers. Backups can be stored in a central location, in distributed locations or left on the domain controllers themselves to minimize bandwidth demands and scale to any size of environment.

Automated Full and Differential Backups

Recovery Manager allows administrators to schedule backups for off-peak hours, making it feasible to back up AD more often. By using the differential backup feature, you can increase backup efficiency, enable more frequent and timely backups, and still use less storage than other recovery solutions.

Disaster Recovery Protection

Recovery Manager automatically monitors the health of AD backups, and sends e-mail alerts when backups fail or encounter errors. Quest Management Packs for Microsoft Operations Manager (MOM) 2005 and System Center Operations Manager 2007 provide backup health status and alerts within their respective monitoring consoles. This ensures that you are always aware that backups are being successfully created and are protected in the case of a disaster.

Reduce Costs and Increase Productivity

Accurate backups and quicker recovery enable you to reduce the time and costs associated with outages, as well as lessen the impact on users throughout the organization.

Backup and Restore of Active Directory Lightweight Directory Services (AD LDS)

Recovery Manager supports the online restore of AD LDS objects. You can recover AD LDS objects that were deleted or inadvertently modified without restarting AD LDS services or interfering with its operation.

Recovery Manager for Active Directory Forest Edition

The Forest Edition extends the value of Recovery Manager for Active Directory by simplifying the requirements for recovering the entire forest in the event of a major disaster. This process is closely aligned with Microsoft's native forest recovery approach and provides the option to restore some DCs from backup and others through demoting and re-promoting them with DCPromo.

Automation of Manual Tasks

Using native tools to recover a forest requires numerous and lengthy manual steps repeated on each domain controller. This process results in a very slow and tedious recovery that's prone to human error. Forest Edition automates those numerous manual steps, not only saving vast amounts of time but also eliminating the risk of human error.

Remote Quarantine

Forest Edition automatically and remotely quarantines corrupt domain controllers so they won't replicate with the newly restored environment.

Simultaneous System Recovery

All domain controllers in your forest can be restored simultaneously from one centralized location, eliminating the need to manually interface with each domain controller separately saving a significant amount of time and effort.

Fulfill your AD disaster recovery plan with Recovery Manager for Active Directory and Forest Edition.

System Requirements:

Operating Systems:
- Microsoft® Windows® 2000
- Microsoft® Windows® 2003 and R2
- Microsoft® Windows® XP
- Microsoft® Windows® Vista
- Microsoft® Windows® 2008 Release Candidate
- Support for 64-bit versions of Windows

Platform
- 450 MHz or higher Intel Pentium-compatible CPU

Memory
- 128 MB (256 MB recommended)

Hard Disk Space
- 20 MB or more (additional storage space is required for a backup repository)

Additional Software
- Microsoft Data Access Components (MDAC) version 2.7 or later
- Microsoft Management Console (MMC) 3.0
- Windows PowerShell 1.0
- SQL Server 2005 or Express Edition

Recovery Manager for Active Directory	
Integration with native tools	X
Quick, online restore of AD and AD LDS objects	X
Granular restore of AD and AD LDS attributes	X
AD comparison reporting	X
Differential backups of AD	X
Use backups created with native and third-party backup tools	X
Automated, scheduled backups of AD	X
Scalable, flexible backup options	X
With the addition of: **Recovery Manager for Active Directory Forest Edition**	
Automated forest recovery tasks	X
Coordinated forest recovery from a single console	X
Remote quarantine	X
Simultaneous system recovery	X

About Quest Software, Inc.

Quest Software, Inc. delivers innovative products that help organizations get more performance and productivity from their applications, databases and Windows infrastructure. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 50,000 customers worldwide meet higher expectations for enterprise IT. Quest Software can be found in offices around the globe and at **www.quest.com**.