

Quest® **Recovery Manager** *for Active Directory*

New Features

Recovery Manager for Active Directory

- Support for Windows® Server 2008 R2
- Show Who Modified AD Objects in Comparison Reports
- Support for Internet Protocol Version 6 (IPv6)

Recovery Manager for Active Directory Forest Edition

- Support for Windows® Server 2008 R2
- Real-Time Recovery planning - See an overview of every recovery stage and operation
- Flexible Recovery Pacing - Automatically suspend and resume recovery of specific DCs as needed

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 domain or 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:

Graphical User Interface Provides AD Recycle Bin Feature

The wizard-based console directs you through a streamlined recovery process, effectively creating a graphical Active Directory recycle bin – no scripting required!

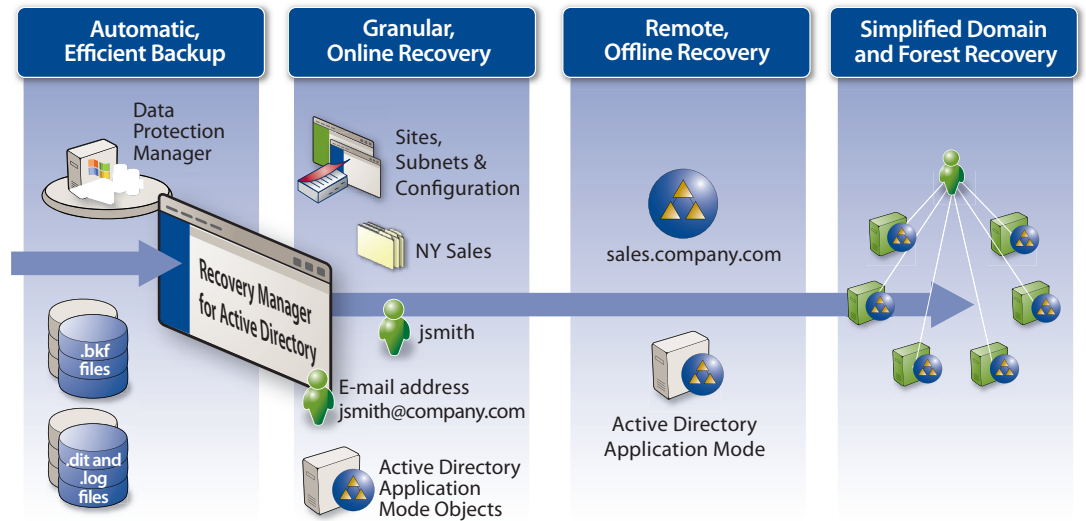
Online, Granular Restore

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.

Recovery Manager for Active Directory is used by over 3,500 customers to protect more than 45,000,000 Active Directory accounts.



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. Comparisons can also be made between different backups. Reports display the objects that were deleted or changed, including attributes. If you're running Quest's ChangeAuditor, the comparison reports will also include who made the changes.

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.

"As one of the nation's largest securities firms, we have an enormous amount of technology to protect. Recovery Manager for Active Directory has reduced downtime hours by 34 percent and has given us tremendous peace of mind."

— Julian Fowler
Network Administrator
Paine Webber

"I recommend Recovery Manager for Active Directory to anyone who has ever gone through restoring Active Directory with standard tools such as Ntdsutl - or anyone who ever will."

— Rodney Landrum
SMCP Magazine

System Requirements-Console:

Operating Systems:

- Microsoft® Windows® Server 2003 with Service Pack 1 or later
- Microsoft® Windows® Server 2003 R2
- Microsoft® Windows® Server 2008
- Microsoft® Windows® Server 2008 R2
- Microsoft® Windows® XP with Service Pack 2 or later
- Microsoft® Windows® Vista
- Microsoft® Windows® 7
- Both x86 and x64 platforms are supported

Platform

- 450 MHz or higher Intel Pentium-compatible CPU

Memory

- 256 MB (1 GB recommended)

Hard Disk Space

- 50 MB or more. Additional storage space is required for log files and backup repository.

Additional Software

- Microsoft® .NET Framework version 3.5 with Service Pack 1
- Microsoft® Windows® Installer 4.5
- Microsoft® Management Console® version 3.0
- Microsoft® Windows® PowerShell version 1.0
- Microsoft® SQL Server® 2005 or Microsoft® SQL Server® 2008 Standard or Express
- Microsoft® SQL Server® System CLR Types
- Microsoft® SQL Server® Compact 3.5 with Service Pack 1
- Microsoft® SQL Server® 2008 Native Client
- Microsoft® SQL Server® 2008 Management Objects

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 (SCOM) 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 a domain or 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 domain or 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.

Flexible Recovery Pacing

Create pauses in your recovery project that allow you to automatically suspend the recovery of one or more DCs and then manually resume the recovery of these DCs from the point where they were paused. This enables you to perform important tasks that might be required outside of the product. This capability also enables a follow-the-sun approach to forest recovery, allowing you to focus on the sites that requires immediate attention first.

Remote Quarantine

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

System Requirements-Domain Controllers

Operating Systems:

- Microsoft® Windows® 2000 Server (not supported for forest recovery)
- Microsoft® Windows® Server 2003 with Service Pack 1 or later
- Microsoft® Windows® Server 2003 R2
- Microsoft® Windows® Server 2008
- Microsoft® Windows® Server 2008 R2
- Both x86 and x64 platforms are supported

Real-Time Recovery Planning

Generate and view a detailed recovery process roadmap for the current recovery project. This provides an overview of every recovery stage and operation, allowing you to gain a better understanding and more control of every aspect of the operation.

Simultaneous System Recovery

All domain controllers in your domain or 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.

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 domain recovery	X
Automated forest recovery tasks	X
Coordinated forest recovery from a single console	X
Remote quarantine	X
Simultaneous system recovery	X

About Quest Software, Inc.

Now more than ever, organizations need to work smart and improve efficiency. Quest Software creates and supports smart systems management products—helping our customers solve everyday IT challenges faster and easier. Learn more at www.quest.com.



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PARTNER OF THE YEAR



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