



Quest® ActiveRoles™ Server

Provisioning, Administration and Security for Active Directory and Beyond

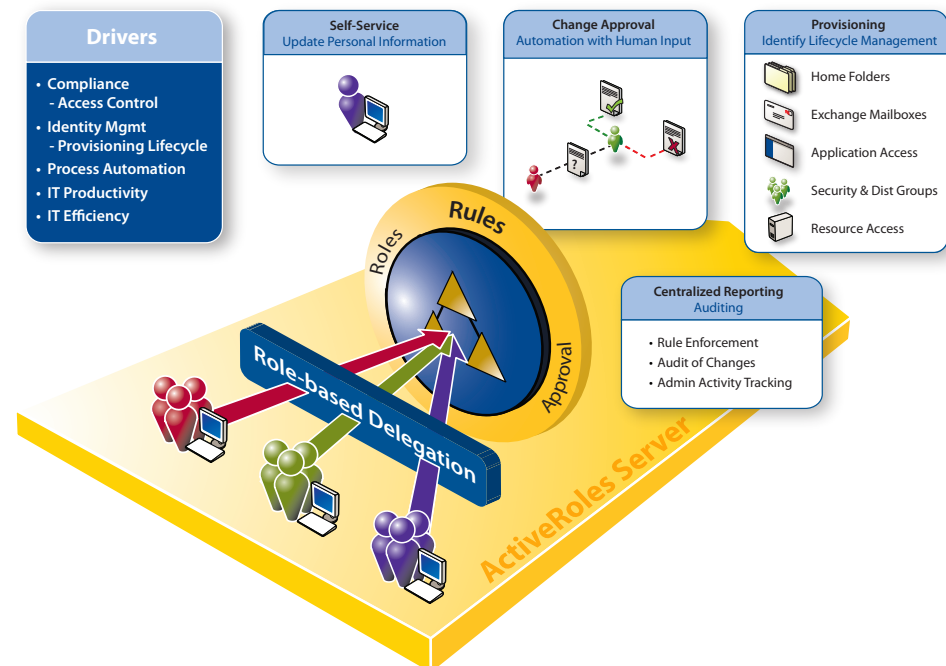
Businesses today grow and change at a frantic pace, making Active Directory (AD) management one of the most time-consuming IT tasks. AD administrators struggle to keep up with requests to create, change or remove user access to various network resources. With the advent of compliance regulations like the Sarbanes-Oxley Act (SOX), and the intense scrutiny they place on access to business-sensitive applications, organizations can no longer rely on numerous manual provisioning processes to maintain compliance.

Add to that the need to tightly delegate control of AD among various administrative groups, provide self-service capabilities to users to lighten the IT burden and involve key people in IT processes through change approval, it's no wonder that today's AD administrators need help.

ActiveRoles Server can help you automatically provision, reprovision and more importantly, deprovision users quickly, cost-efficiently and securely in AD and beyond. ActiveRoles Server provides strictly enforced role-based security, automated group management, change approval and easy-to-use web interfaces for self service, to achieve practical user and group lifecycle management for the Windows enterprise.

Get and Stay Compliant Through Identity Management

ActiveRoles Server helps you achieve and sustain regulatory compliance by implementing secure, automated and auditable internal controls over granting access to network resources. You can automate all aspects of the account management process, introducing human input via a change approval process when needed. This simplifies user and group provisioning, policy enforcement, segregation of duties and delegation of administrative privileges.



"We've experienced a number of benefits of the system, not the least of which is faster, easier provisioning. The user-creation process used to take up to 25 minutes, and now can be accomplished in about a minute."

–Siegfried Jagott
Consultant
Siemens Business Services

"Paramount to the success of our Active Directory deployment was having automation, self-service, and monitoring solutions in place from day one,"

–David Johnson
Director of IT
Georgian College

- Protects critical data by strictly enforcing policies and eliminating unregulated access to resources
- Provides a standardized change approval process for making changes to Active Directory data
- Automates provisioning, reprovisioning and deprovisioning for efficient user lifecycle management
- Saves time and potential errors by providing automated group management
- Reduces administrative costs by providing a dynamically configured and customized Web interface for administrators, selfservice users, help desk personnel and data owners
- Lightens the IT workload by providing user self-service capabilities to directory data controlled by IT

System Requirements

Hardware

- 1 GHz or higher Intel Pentium compatible CPU (2 GHz+)
- 1 GB of RAM (2 GB)
- 100 MB or more of free hard disk space (1 GB)

Operating Systems:

- Microsoft Windows 2000 Service Pack 4 or later (Support discontinued 2009)
- Microsoft Windows Server 2003, with or without any Service Pack
- Microsoft Windows Server 2003 x64 Editions
- Microsoft Windows Server 2003 R2
- Microsoft Windows Server 2008, 32 or 64-bit architecture Operating Systems on Domain Controllers:

ActiveRoles Server automates user and group provisioning lifecycle tasks to reduce your administrative workload and increases user access control whether the user is a new hire, intra-organization transfer or termination. Ben Worthen, in his CIO magazine article, identified that, "Failure to segregate duties within applications, and failure to set up new accounts and terminate old ones in a timely manner..." is the number one IT control weakness among interviewed CIOs and auditors.

ActiveRoles Server provides the ability to deprovision rather than just delete or disable user accounts. ActiveRoles Server comes with default policies to automate some commonly-scripted deprovisioning tasks, and permits all provision policies to be tailored to an organization's specific needs.

Involve Decision-makers within Key IT Processes

ActiveRoles Server automates the ability to accept or deny operation requests (change approval) and to monitor the execution of those requests. This complements business rules to make provisioning and deprovisioning decisions based on application or data owners input.

Lower Administrative Costs

A dynamically configured Web interfaces enables users, business data owners and help desk personnel to perform appropriate administrative tasks on their own. This reduces support costs, while enabling the ability to maintain complete control of your Active Directory environment.

Extend Management Control

ActiveRoles Server extends management control to Unix and Linux identities, including users, groups and computers, through the optional Support Pack for Quest Authentication Services. Query based management views show all of the enabled identities, and business rules ensure and enforce unique user and group identification.

The solution also includes the following functions:

Controlled Administration: Provides a unique administrative service that acts as a firewall around AD, so you can reliably delegate control by defining administrative roles and associated permissions and rules that are strictly enforced. This is the only way to maintain compliance with security policies.

Automated Provisioning: Automates user and group provisioning, including account creation in AD, mailbox creation in Exchange, and group population and resource provisioning in Windows, which helps you save valuable administrative time. ActiveRoles Server also automates re-provisioning and de-provisioning, helping to ensure an efficient administrative process over the lifetime of user account or group. This means that when a user's access needs to be changed or removed, updates in AD, Exchange and Windows are made automatically.

User Self-Service: With the simple assignment of self-service roles, end users can carry out self-administrative tasks, such as modifying their personal data through a simple to use self-service Web interface. Due to the reliable enforcement of business roles and rules, ActiveRoles Server makes self-administration safe and secure, while allowing IT to manage (but not necessarily participate in) these time consuming tasks.

Change Approval: Provides rule-based, customizable task approvals enabling ActiveRoles Server to decrease errors and inconsistencies in the processes of directory data management, including

System Requirements (cont.)

Additional Software:

- Microsoft SQL Server 2005, any edition, with or without any Service Pack
- Microsoft SQL Server 2000 Service Pack 4 or later
- Microsoft SQL Server 2000 Desktop Engine (MSDE) Service Pack 4 or later
- Microsoft Data Access Components (MDAC) version 2.7 or later
- Microsoft .NET Framework version 3.5 or later
- Microsoft Internet Information Services (IIS) 5.0 or later (IIS 6.0)
- Microsoft Internet Explorer version 6.0 or later (IE 7.0 or later)
- Microsoft Exchange Server 2003, with or without any Service Pack
- Microsoft Exchange Server 2007, with or without any Service Pack = Recommended

provisioning and deprovisioning. Robust approval procedures allow an IT process and oversight to be established and consistent with business requirements, putting efficient responsibility chains to complement the automated management of directory data in place.

Auditing and Reporting: Provides a complete audit trail, showing who performed what actions and who tried to perform actions that were not permitted. A rich suite of reports assists in change tracking and policy enforcement audits and Active Directory monitoring and analysis. By logging all actions in a centralized fashion, ActiveRoles Server enables administrators to quickly troubleshoot and investigate system issues.

Temporal Group Memberships: Automates the tasks of adding or removing group members that only need group membership for a specific time period. Makes it possible to add or remove members from groups on a scheduled basis, ensuring that particular users are members of required groups for only the required periods of time.

A Complete and Extensible Solution: Manage key user assets, including AD accounts, Exchange mailboxes and home directories. It provides a practical approach for managing the user lifecycle, including provisioning, reprovisioning and deprovisioning. You can also customize and extend ActiveRoles Server provisioning, management, security and automation through ActiveRoles Server support for custom scripts. These scripts are subject to the same roles and rules as users so you can be confident that they will be executed properly, by the correct people, and triggered by events you define. In addition to strong scripting support, several optional add-on applications (listed below) can be added to ActiveRoles Server to provide for advanced management capabilities.

Optional Add-On Applications for ActiveRoles Server:

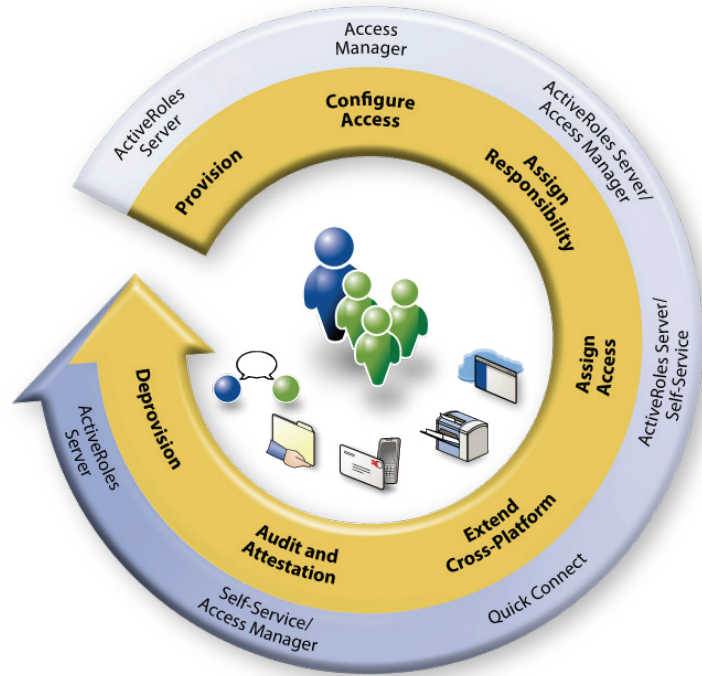
ActiveRoles Quick Connect: Enables ActiveRoles Server to provision and deprovision from an authoritative data source, automatically controlling user access. ActiveRoles Quick Connect extends ActiveRoles Server into the provisioning process on non-Active Directory connected systems for end-to-end identity and access synchronization. This saves administrative cost by eliminating effort and reduces errors through automation.

ActiveRoles Exchange Resource Forest Manager: Exploits the multi-forest management capability of ActiveRoles Server by synchronizing the provisioning between a User Account Forest and the Exchange Resource Forest. Additionally, Exchange properties are projected from the Resource Forest onto the property pages of users in the User Forest for single point user account management.

ActiveRoles Management Shell for Active Directory: Provides a set of predefined commands for Windows PowerShell, the new command line and scripting language developed by Microsoft. By using the ActiveRoles Management Shell for Active Directory to build your scripts, you can harness ActiveRoles Server to leverage proven rules, roles, workflow and attestation features giving you a robust management option for Windows PowerShell and Active Directory.

ActiveRoles Self-Service Manager: Provides controls to let administrators empower application and data owners to self-manage their resource access groups in a secure and compliant manner. By empowering the information owner, the burden of access management and compliance is moved from IT to the person who understands the business justifications for granting access.

Identity and Access Lifecycle Management



ActiveRoles Server plays a key role in Active Directory-centric identity and access management.

About Quest Software, Inc.

Quest Software, Inc., a leading enterprise systems management vendor, delivers innovative products that help organizations get more performance and productivity from their applications, databases, Windows infrastructure and virtual environments. Through a deep expertise in IT operations and a continued focus on what works best, Quest helps more than 90,000 customers worldwide meet higher expectations for enterprise IT. Quest provides customers with client management as well as server and desktop virtualization solutions through its subsidiaries, ScriptLogic and Vizioncore. **Quest One Identity Solution** helps organizations simplify identity and access management challenges by using Active Directory to secure infrastructure, manage identities, and speed implementations and audits. Quest is a leader in **Active Directory Management**, helping organizations reduce complexity, cost and comply with regulations. Quest Software can be found in offices around the globe and at www.quest.com.

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