

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. 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 administrators need help.

ActiveRoles Server can help you automatically provision, reprovision and more importantly, deprovision users quickly, cost-efficiently and securely. ActiveRoles Server provides strictly enforced role-based security, automated group management, a multi-level workflow designer and web interfaces for self service, to achieve practical user and access lifecycle management for the Windows enterprise and beyond.

Achieve and Maintain Security and Compliance through Identity and Access 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 multi-level approval workflow designer 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, self-service users, help desk personnel and data owners
- Lightens the IT workload by providing user self-service capabilities to directory data controlled by IT

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 users and groups rather than just delete or disable 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.

Involvement Decision-makers within Key IT Processes

ActiveRoles Server automates the ability to accept or deny operation requests (approval workflow) 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 interface enables users, business data owners and help desk personnel to perform appropriate administrative tasks on their own. This reduces support costs, while controlling 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, Quest's patented technology for Active Directory-based authentication. 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.

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

Workflow: Provides a rich workflow system for directory data management automation and integration. Based on Microsoft's Windows Workflows Foundation technology, this system enables IT to define, automate and enforce management rules quickly and easily. Workflows extend the capabilities of ActiveRoles Server by delivering a framework that enables you to combine management rules such as provisioning and de-provisioning of identities in the directory, enforce policies on changes to identity data, route data changes for approval, provide e-mail notifications of particular events and conditions, as well as implement custom actions using script technologies such as Microsoft Windows PowerShell.

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 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.

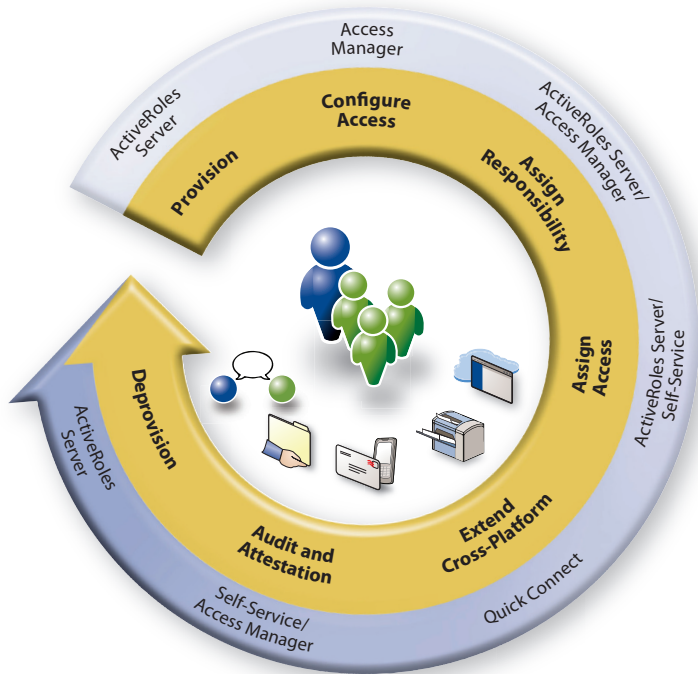
ActiveRoles Self-Service Manager: Provides controls to let administrators empower application and data owners to self-manage their resource access groups in a secure and compliant manner. By empowering the information owner, the burden of access management and compliance is moved from IT to the person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

SYSTEM REQUIREMENTS (cont.)

Additional Software:

- Microsoft SQL Server 2008 Express Edition
- Microsoft SQL Server 2000 Service Pack 4 or later
- Microsoft SQL Server 2000 Desk top 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 Service Pack 1
- 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

Identity and Access Lifecycle Management



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

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. Visit www.quest.com for more information.



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