

Quest® Active Administrator® 8.1

Release Notes

September 2017

These release notes provide information about this Quest® Active Administrator® release.

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About this release

Active Administrator® is a complete, integrated, and proactive Microsoft® Active Directory® administration solution that fills the management gaps native tools leave behind. From a single console, the solution addresses the most important areas of Active Directory including security and delegation, auditing and alerting, backup and recovery, Group Policy, health and replication, and accounts and configurations. Active Administrator makes it easier and faster than native tools to meet auditing requirements, tighten security, maintain business continuity, and increase IT efficiency.

Active Administrator 8.1 is a minor release, with new features and functionality. See [New features](#) and [Enhancements](#).

New features

New features in Active Administrator® 8.1:

- **Active Administrator Web Console** - Active Administrator® Web Console extends the functionality of the built-in Windows® management tools for Active Directory® by allowing administrators to view and manage security in a much more extensible interface. You can open Active Administrator Web Console on a variety of devices in the following browsers:

- Microsoft® Internet Explorer 11
- Google Chrome™ 47
- Mozilla® Firefox® 44

The Active Directory Health dashboard is where you can monitor the overall health of your organization. From the dashboard, you can view Alerts, set up Notifications, run Health Checks, and generate Reports. The Active Directory Topology viewer lets you monitor alerts while viewing a customizable topology diagram of your organization.

- **Directory Health dashboard** - The Active Directory Health dashboard displays read-only real-time data about forests, sites, domains and domain controllers so you can monitor the health of your organization. For forests, you can see forest alerts and information about the monitored domain controllers in the forest. For sites, you can see site alerts, information about the servers, and site links. For domains, you can see domain alerts, information about the monitored domain controllers, replication latency, and GC replication latency. For domain controllers, you can see domain controller alerts, an overview of performance, status of services, information about the servers and Active Directory, and installed applications and updates.
 - **Alerts** - Alerts have two levels of severity: warning and critical. As a situation escalates, a warning alert is generated, indicating that a lower priority threshold has been violated. As the severity of the error increases, a critical alert is generated, indicating that the higher priority threshold has been exceeded.
 - **Notifications** - You can create notifications to send to specified email recipients when alerts are generated. A wizard helps you create multiple types of notifications to address varied audiences and their specific needs.
 - **Health checks** - A Health Check is a customizable report on forests, domains, sites, and domain controllers. You can choose to take a snapshot of a moment in time or capture a trend over a specified period of time. There are many different tests from which you can choose. There are also settings to help you customize the Health Check tests.
 - **Reports** - There are over seventy out-of-the-box reports to help you manage your organization. There are four categories of reports: Active Directory Health, Active Directory Infrastructure, DNS, and Security. Once you run a new report, the report remains open until you run another report. You can refresh the parameters and run the report again. You also can rerun an existing report from the **History** tab.
 - **Active Directory Topology** - For a selected forest, you can view and customize a topology diagram, and quickly see a list of domain controllers with their roles. Every 300 seconds, the topology diagram is updated to get server alert status from the Active Administrator foundation server (AFS). The node for each domain controller displays in a color to indicate its status. When replication latency alerts are detected, the color of the link between domain controller nodes indicates the status.
- **Edit DNS zone permissions** - You can edit the permissions of only DNS zones that are integrated with Active Directory Domain Services. You can choose to edit multiple zones at one time or a single zone. If you edit multiple zones, you can add or remove permission. If you edit a single zone, you can add, remove, or view/edit the permissions and disable inheritance.
 - **Purge stale accounts** - By default, inactive accounts are purged after 30 days of inactivity. You can set up a schedule, send a notice when the account is about to be deleted and/or when the account is deleted, and prevent specific users from being deleted.

- **Attach remediation actions to critical Active Directory Health alerts** - Remediations are actions that execute when an Active Directory Health alert reaches its critical threshold. Several built-in remediation actions are included with Active Administrator, but you also can create custom remediations, which can be a PowerShell script, VBS script, batch file, or .cmd file. Once you have populated the library with the remediations you need, you attach the remediations to alerts.
- **Specify preferred domain controllers** - Preferred domain controllers are used when requesting resources from Active Directory. Normally, Active Directory assigns you the closest domain controller. You can use this feature to specify a domain controller when a domain controller has not already been specified.
- **Support for Personal Information Exchange (PFX) (PKCS12) files** - In the **Certificates** module, you can now add, install, and manage Personal Information Exchange (PFX) (PKCS12) files. In the certificate repository, certificates (.CER files) and PFX (PKCS12) files (.PFX) are separated on different tabs.
- **New user role to view alerts only** - The new **Directory Analyzer Alert Viewer** role provides read-only access to Directory Analyzer alerts. To manage Directory Analyzer alerts, the user must have the **Directory Analyzer** and the **Directory Analyzer Alert Management** roles. If you want a user to only view the alerts, the user needs the **Directory Analyzer** and the new **Directory Analyzer Alert Viewer** roles.
- **Schedule weekly backups** - When configuring Active Directory backups, you can now schedule the backup to run on a weekly basis on a day and at a time of your choosing. You also have an opportunity to schedule the backup when running the Configuration Wizard.
- **Customize view of security objects** - When viewing all users, groups, organization units, or computers in the **Security & Delegation** module, you can now select which columns of information you want to display. All columns display by default. The **Employee ID** column is new to the **All Users** display.
- **Additional supported platforms** - Microsoft® SQL Server® 2016 and Windows Server® 2016.

i | NOTE: Active Administrator does not support Microsoft Nano Server 2016.

See also:

- [Enhancements](#)
- [Resolved issues](#)

Enhancements

The following is a list of enhancements implemented in Active Administrator® 8.1.

Table 1. General enhancements

| Enhancement | Issue ID |
|--|----------|
| Create more descriptive error message when restore fails with We are unable to undelete objects from Windows® 2000 Domain Controllers . | 492838 |
| Add option to run Active Directory® object backup once a week on a specific day. | 496813 |
| Add Total count to Security & Delegation Security View All Users, Groups, OUs, and Computers . | 496815 |
| Add Total count to Security View All Users, Groups, OUs, and Computers . | 496815 |
| Add Employee Number and Info columns to Security View All Users report. | 510290 |
| Support Fine Grained Password Policies in Password Reminder. | 595272 |

Table 2. Active Directory Health enhancements

| Enhancement | Issue ID |
|---|-----------------|
| Add ability to edit an alert when viewing alert details. | 491624 |
| Add the Application Partition to the Active Directory Troubleshooter Forest Configuration report. | 638047 |

Table 3. Certificate Management enhancements

| Enhancement | Issue ID |
|--|-----------------|
| Add ability to specify the account that is used to pull certificates from each managed computer. | 663351 |

Resolved issues

The following is a list of issues addressed in this release.

Table 4. General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| When applying the Update package with foreign regional and keyboard settings, the Input string was not in a correct format error occurred. | 511628 |
| Could not manually add other domains in Configuration GPO History and Inactive Accounts . | 587009 |
| When upgrading the Active Administrator® database from 7.0 to 7.5 to 8.0, the FK_tblCertificate_tblComputer ExecuteNonQuery failed for Database ActiveAdministrator70 error occurred. | 594236 |
| The Computers - Full Control Active Template delegation was not propagating fully through nested OU structures. | 597344 |
| Accessing and modifying Fine Grained Password Policies that use the Protect from accidental deletion setting no longer throws an Object Reference error. | 598657 |
| Added notification option to Service Monitoring Policy for when the Active Administrator Data Service has stopped. | 600297 |
| Workstation agent audit information for accounts are not written consistently to the Active Administrator database. | 607668 |
| Active Templates: Unable to change domain locations. | 608163 |
| Remove Alert Observed Values from the list of Active Alerts. Observed values will display when Details are requested. | 612978 |
| Customers who do not have an Active Administrator base license, but have one or more licenses for Active Administrator modules, receive an email notification that they do not have a license. | 613051 |
| One or more errors occur while attempting to load the forest summary. | 615673 |
| Access denied message displays when a user modifies a user account attribute. | 624035 |
| Active Template was created, applied, and enforced, but the actual Active Directory permissions were not granted. | 624574 |
| Site information was not found because the msDS-SiteName attribute was not found. | 625141 |
| Restoring only security attributes on the domain root removes/deletes all GPOs linked at this level. | 626181 |
| Custom Active Administrator reports that include the UserAccountControl multivalue attribute with any before/after values do not display events. | 639704 |
| Assessment reports are running without being licensed. | 654142 |

Table 4. General resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| If a user was explicitly added as a trustee in Active Administrator version 7.5 and that user is no longer in Active Directory®, when upgrading to version 8.0, the configuration wizard fails on updating/adding trustees. The missing users are seen as Domain\ on the Active Administrator User page of the wizard. | 669582 |
| New GPOs are not shown in the GPO Objects tab. | 694162 |

Table 5. Active Directory Health resolved issues

| Resolved issue | Issue ID |
|--|-----------------|
| The Directory Analyzer agent installed on a domain controller is not alerting when the domain controller is unavailable. Added the domain controller data collector: Domain controller unresponsive . | 597747 |
| Restarting the Active Administrator Data Service (ADS) issues the This domain controller is not being monitored warning. The message should now clear once the ADS completes the restart process. | 598500 |
| On the Active Directory Health Domain Controller Properties tab, the NETLOGON/SYSVOL share status was not updating in the display. | 598652 |
| Active Directory Health: Sites were not listed in alphabetical order in the tree. | 599801 |
| Active Directory Health: Active Administrator Data Service (ADS) issued a Named Pipe Server Error: Cannot read pass the end of the stream . | 600821 |
| Active Directory Health: When Directory Analyzer agents enter a warning state, an alert should appear in the active alerts list and the all alerts list. The alert view now has an option to automatically refresh. Alert history can now be hidden. | 601073 |

Table 6. Azure Active Directory resolved issues

| Resolved issue | Issue ID |
|---|-----------------|
| An error occurred while attempting to load Azure® Active Directory users within an Azure Active Directory domain configured for a German language operating system. | 667520 |

Known issues

The following is a list of issues, including those issues attributed to third-party products, known to exist at the time of release.

Table 7. Active Directory Health known issues

| Known issue | Issue ID |
|--|-----------------|
| When launching the Spotlight® on Active Directory® Diagnostic Console from the Active Directory Health Analyze tab, a No default printer error occurs. Workaround: To use the Spotlight on Active Directory Diagnostic Console, you must set a default printer. Windows Server® 2016 sets the default printer automatically, but you should verify that it is set. | 668416 |

System requirements

Before installing or upgrading Active Administrator® 8.1, ensure that your system meets the following minimum hardware and software requirements.

i | **IMPORTANT:** You must be an administrator for the computer on which you are installing Active Administrator Server. You must have the credentials of an account that can be used to create a database on the server running SQL Server®.

- [Server hardware requirements](#)
- [Server software requirements](#)
- [SQL Server requirements](#)
- [Console hardware requirements](#)
- [Console software requirements](#)
- [Audit Agent requirements](#)
- [Workstation logon audit agent requirements](#)
- [Port requirements](#)
- [User privilege requirements](#)

Server hardware requirements

Table 8. Server hardware requirements

| Requirement | Details |
|------------------|--|
| Processor | 1 GHz or higher |
| Memory | <ul style="list-style-type: none">• For Windows Server® 2008: 512 MB minimum, 2 GB recommended• For Windows Server 2008 R2: 512 MB minimum, 2 GB recommended• For Windows Server 2012: 1 GB minimum, 2 GB recommended• For Windows Server 2012 R2: 1 GB minimum, 2 GB recommended• For Windows Server 2016: 1 GB minimum, 2 GB recommended |
| Hard disk space | 100 MB |
| Operating system | <ul style="list-style-type: none">• Windows Server® 2008• Windows Server 2008 R2• Windows Server 2012• Windows Server 2012 R2• Windows Server 2016 |

NOTE: Active Administrator® does not support Microsoft® Nano Server 2016.

Server software requirements

Table 9. Server software requirements

| Requirement | Details |
|--|--|
| .NET Framework v. 4.5.2 and 4.6 | Install either the Full or Standalone version. Do not install just the Client Profile. |
| Group Policy Management Console (GPMC) | <p>GPMC is included with Windows Server® 2008 and later, but is not installed with the operating system. Use Server Manager to install GPMC. After installation, enable GPMC through the Server Manager Add Features Wizard.</p> <p>You can launch the Add Features Wizard through Control Panel Programs and Features Turn Windows features on or off. Alternatively, from the command line, use <code>ServerManagerCmd -install GPMC</code>.</p> |

SQL Server requirements

The following versions of Microsoft® SQL Server® are supported. See the Microsoft web site for the hardware and software requirements for your version of SQL Server.

i | **IMPORTANT:** You must have the credentials of an account that can be used to create a database on the server running SQL Server®.

- SQL Server 2005
- SQL Server 2005 Express Edition
- SQL Server 2008
- SQL Server 2008 Express
- SQL Server 2008 R2
- SQL Server 2008 R2 Express
- SQL Server 2012
- SQL Server 2012 Express
- SQL Server 2014
- SQL Server 2014 Express
- SQL Server 2016

i | **IMPORTANT:** On the server running SQL Server, you must enable Named Pipes communication, which is off by default.

Active Administrator® requires the default collation for the audit database. In SQL Server, collation refers to a set of rules that determine how data is sorted and compared. Active Administrator supports only the default collation and sort order configurations for the audit database.

With SQL Server 2005, the default configuration is **SQL_Latin1_General_CI_AS (SQL Server; Latin1 General; Case Insensitive; Accent Sensitive)**. In addition, Active Administrator also supports **SQL_Latin1_General_CS_AS (SQL Server; Latin1 General; Case Sensitive; Accent Sensitive)**.

If you are unsure of the collation assigned to the audit database, use the Microsoft ISQL_w or Query Analyzer tools, connect to the database, enter **sp_helpsort**, and execute the statement. The results list all sort and collation information for the database.

Console hardware requirements

Table 10. Console hardware requirements

| Requirement | Details |
|------------------|--|
| Processor | 1 GHz |
| Memory | 256 MB |
| Hard disk space | 100 MB |
| Operating system | <ul style="list-style-type: none">Windows® 7Windows 8.1Windows 10Windows Server® 2008Windows Server 2008 R2Windows Server 2012Windows Server 2012 R2Windows Server 2016 |

NOTE: Active Administrator® does not support Microsoft® Nano Server 2016.

NOTE: When using Windows 7, you may experience problems when trying to perform some operations on Active Directory® objects, such as creating objects or viewing object properties. When the Microsoft® RSAT tools are installed on Windows 7, the adprop.dll.mui and dsadmin.dll.mui files are not installed and these files are needed by Active Administrator. Please see the Quest® Knowledge Base and Solution Center for instructions on how to locate and copy these files to the correct location.

NOTE: If you are using the Certificate module, see [Table 11](#) for information on support for SHA-2 certificates.

Table 11. Support for SHA-2 certificates

| Operating system | Support SHA-2 certificates | Verify SHA-2 certificates (user mode) | Verify SHA-2 certificates (kernel mode) |
|------------------------|----------------------------|---------------------------------------|---|
| Windows Server 2008 | supported | KB2763674 | Not supported |
| Windows Server 2008 R2 | supported | KB3033929 | KB3033929 |
| Windows Server 2012 | supported | supported | supported |
| Windows Server 2012 R2 | supported | supported | supported |
| Windows Server 2016 | supported | supported | supported |
| Windows 7 | supported | KB3033929 | KB3033929 |
| Windows 8 | supported | supported | supported |
| Windows 10 | supported | supported | supported |

i | **NOTE:** For Windows Server 2008, see [KB2763674](#). Quest® provides the SHA-2 certificate with the understanding that even with this update, there may be situations where the certificate cannot be verified.

Console software requirements

- .NET Framework v.4.5.2 or 4.6
- Group Policy Management Console (GPMC)
- DNS Server Tools

Table 12. GPMC and DNS Server Tools install information

| Operating system | Download links and install information |
|--|--|
| Windows® 7 Windows 8 Windows 8.1 Windows 10 | <p>GPMC and DNS Server Tools are included in Remote Server Administration Tools (RSAT).</p> <ul style="list-style-type: none"> • Remote Server Administration Tools for Windows 7: http://www.microsoft.com/en-us/download/details.aspx?id=7887 • Remote Server Administration Tools for Windows 8.1: http://www.microsoft.com/en-us/download/details.aspx?id=39296 • Remote Server Administration Tools for Windows 8: http://www.microsoft.com/en-us/download/details.aspx?id=28972 • Remote Server Administration Tools for Windows 10 https://www.microsoft.com/en-us/download/details.aspx?id=45520 <p>To activate GPMC and DNS Server Tools</p> <ol style="list-style-type: none"> 1 Open the Control Panel, click Programs and Features, and click Turn Windows features on or off. 2 Expand Remote Server Administration Tools. 3 Expand Feature Administration Tools, and select Group Policy Management Tools. 4 Expand Role Administration Tools, and select DNS Server Tools. |
| Windows Server® 2008 Windows Server 2008 R2 Windows Server 2012 Windows Server 2012 R2 Windows Server 2016 | <p>To active GPMC</p> <p>The Group Policy Management Console, once installed, must be enabled through the Add Features Wizard in Server Manager.</p> <p>Alternatively, from the command line, use ServerManagerCmd –install GPMC.</p> <p>To install DNS Server Tools</p> <ol style="list-style-type: none"> 1 Open the Server Manager. 2 Select Manage Add Features. 3 Expand Remote Server Administration Tools. 4 Expand Role Administration Tools. 5 Select DNS Server Tools. 6 Advance through the wizard to Confirmation. 7 Click Install. |

Audit Agent requirements

Table 13. Audit agents hardware requirements

| Requirement | Details |
|-------------------|--|
| Processor | 1 GHz or higher |
| Hard disk | 100 MB |
| Memory | 256 MB |
| Operating systems | <ul style="list-style-type: none">• Windows Server® 2008 R2• Windows Server 2012• Windows Server 2012 R2• Windows Server 2016 |

Workstation logon audit agent requirements

Table 14. Workstation logon audit agent hardware requirements

| Requirement | Details |
|-------------------|--|
| Processor | 1 GHz or higher |
| Hard disk | 100 MB |
| Memory | 256 MB |
| Operating systems | <ul style="list-style-type: none">• Windows® 7• Windows 8.1• Windows 10• Windows Server® 2008• Windows Server 2008 R2• Windows Server 2012• Windows Server 2012 R2• Windows Server 2016 |

Port requirements

i **NOTE:** The AFS Server is the computer on which the Active Administrator® Server is installed and running the Active Administrator Foundation Service (AFS). The Console is the computer on which the Active Administrator Console is installed. The AFS Database Server is the computer on which the audit database resides.

- TCP Port 15600 must be open between Console and the AFS Server.
- TCP Port 15601 must be open between the computer running the workstation logon audit agent and the AFS Server.
- TCP Port 389 must be open between domain controllers and the AFS Server and Console.

- TCP Port 1433 must be open between the AFS Server and the AFS Database Server.
- Remote Procedure Call (RPC) must be open between the AFS Server and the target.
- When installing the audit agent on a member server instead of a domain controller, the following inbound firewall exceptions for Windows® Management Instrumentation must be enabled:
 - ASync-In
 - DCOM-In
 - WMI-In
- If you are using the Certificate Management feature, Remote Registry Service must be enabled on all Windows computers on which certificates are managed.
- If you are using the Azure® Active Directory® feature, TCP Ports 80 and 443 must be open on the Internet-facing firewall.
- If you are using the Active Directory Health feature:
- TCP Port 15602 must be open on the Active Administrator server for the Active Administrator Data Service (ADS).
- TCP Port 15603 must be open on the computer running the Directory Analyzer agent.
- If you want to access the DNS event logs in Active Administrator, the following inbound firewall exceptions are required on each DNS server:
 - COM+ Network Access (DCOM-In)
 - Remote Event Log Management (NP-In)
 - Remote Event Log Management (RPC)
 - Remote Event Log Management (RPC-EPMAP)
- HTTP Port 8080 must be open on the computer running the Web Server.

i **IMPORTANT:** It is recommended that you only use the Web Console internal to the network. If you want to use the Web Console externally, use HyperText Transfer Protocol Secure (HTTPS) by enabling Secure Sockets Layer (SSL). You need to select a certificate, which must be installed in the Personal or My store on the local computer. The default port is 9443. See the *Web Console User Guide* for more instructions on configuring the Web Server.

User privilege requirements

- To install Active Administrator®, a user must hold administrative rights on the local system and the SQL instance that will host the Active Administrator database.
- To use Active Administrator, a user must hold administrative rights on both the local system and the domain, and be a member of the AA_Admin database access group, which is created during the installation process.

Password recovery

Active Administrator® can restore passwords when you restore accounts that were deleted. To enable password recovery, a minor modification is made to the Schema. To be able to modify the Schema, you must use an account that is a member of the Schema Admins group.

Services

The Domain Administrator account provides the necessary permissions for the various Active Administrator[®] services to operate properly.

When choosing an account, keep these requirements in mind:

- Active Administrator Foundation service (AFS) requires an account that is a member of the Domain Admins group. For more detailed permission requirements, see See the *Quest[®] Active Administrator[®] 8.1 Install Guide* for the specific permissions required for operation of each module and submodule.
- Active Administrator Data Services (ADS) requires an account that is a member of the AA_Users group, has read access to the enterprise, and has full access on the server where the Directory Analyzer agent is installed. For more detailed permission requirements, see the *Quest[®] Active Administrator[®] 8.1 Install Guide* for the specific permissions required for ADS and data collectors.
- Active Administrator Advanced Auditing runs as the Local System account, regardless of the user account configured for the Active Administrator Agent service.
- Active Administrator Agent also can run under a domain user account provided it is either a local administrator account, which gives it the rights to log on as a service, log on locally and manage auditing and security log, or these privileges can be granted individually. This user or service account should also be a member of the AA_Admin group, which by default is located in the Local groups of the server where the ActiveAdministrator database is located. If the group is not found in this location, the settings during the initial database creation were modified and it can be found under the Users container object of Active Directory[®].
- Active Administrator Notification service needs to have access to the database.

Audit database

On the database server, the database installation creates two local groups that control access to the audit database.

- AA_Admin group = users that need to be able to update the database
- AA_User group = users that only need to run reports from the database

Active Administrator module requirements

For all Active Administrator[®] modules to operate properly, the Active Administrator Foundation service (AFS) requires an account that is a member of the Domain Admins group. However, you may want to customize access to each module for console users or the AFS account. See the *Quest[®] Active Administrator[®] 8.1 Install Guide* for the specific permissions required for operation of each module and submodule.

Upgrade and compatibility

- Active Administrator[®] 8.1 only supports in-place upgrades from Active Administrator versions 7.5 or 8.0. Upgrades from previous editions are not supported. To perform an in-place upgrade to Active Administrator 8.1 from a version of Active Administrator that is earlier than v7.5, the user must first upgrade to Active Administrator 7.5.

- Installing Active Administrator 8.1 onto an existing Active Administrator 7.5 or 8.0 installation will result in the removal of the earlier version. Active Administrator 7.5, or 8.0 databases, both live and archive databases, will be automatically upgraded to version 8.1.
- A database upgraded by Active Administrator 8.1 cannot be used by previous version and the database upgrade cannot be rolled back.
- Data within the Active Administrator share can be used by Active Administrator 8.1.
- Active Administrator 8.1 Auditing Agents cannot be installed on Windows 2000 hosts.
- If you use group policy to deploy the Workstation Logon Auditing Agents (WLAA), the v8.1 installation process will update the agent on the user workstations. If the Workstation Logon Auditing Agents are installed manually, you must replace the install package at the software distribution share with the 8.1 version. Computers will upgrade to the Active Administrator 8.1 WLAA the next time they are started.
- The Azure[®] Active Directory[®], Certificate Management, DNS Management, and Active Directory Health features available in Active Administrator 8.1 each require a separate license. If you do not have a license file to apply, the module does not appear in Active Administrator. You will see the Azure Active Directory and Certificate Management features listed under the Configuration module, but when you select the feature, a warning displays that a license is required.

Product licensing

You need either a trial or full license to use Active Administrator[®]. If you have questions about your license, contact your sales representative.



NOTE: The full and evaluation versions of Active Administrator are identical. The license file is the sole determinant of program functionality. Limitations during the free 30-day trial period include:

- Unlimited auditing of domain controllers.
- Azure[®] Active Directory[®], Certificate Management, DNS Management, and Active Directory Health are not included.

The Azure Active Directory, Certificate Management, DNS Management, and Active Directory Health features each require a separate license. If you do not have a license file to apply, the module does not appear in Active Administrator. You will see the Azure Active Directory and Certificate Management features listed under the Configuration module, but when you select the feature, a warning displays that a license is required.

You apply the license the first time you launch the AA Configuration Wizard following the installation of the server component. You must have your license available prior to beginning the install process.

To apply the license file when you first start the configuration wizard

- 1 If you are installing Active Administrator, the configuration wizard opens automatically. Otherwise, open the AA Configuration Wizard from the **Start** menu.

The first time you start the configuration wizard, you must apply a valid license file.

- 2 Select Active Administrator, and click **Update License**.
- 3 Locate the license file(s). A license file is approximately 1 KB in size and has a .dlv file extension. Once applied, the **License Status** should indicate **Installed** or **Trial** depending on the type of license.
- 4 Click **OK** to continue with the configuration wizard.

To update your license

- 1 From the **Start** menu, open **AA Server Manager**.
- 2 To view details about the current license, click **Details**.
- 3 To update the license, click **Updated License**.

- 4 Locate the license file (*.dlv), and click **Open**.

Upgrade and installation instructions

- [Installing Active Administrator server](#)
- [Configuring the server](#)
- [Installing Active Administrator console](#)
- [Updating audit agents](#)
- [Switching to Active Directory Health](#)

For detailed instructions, see the *Quest® Active Administrator® Install Guide* and the *Quest® Active Administrator® User Guide*.

Installing Active Administrator server

i | **NOTE:** The server needs to be installed on only one computer.

To install Active Administrator® server

- 1 Launch the autorun.
- 2 On the Home page, click **Install**.
- 3 Click **Install** next to Active Administrator Server.
- 4 On the Welcome screen of the Install Wizard, click **Next**.
- 5 Click **View License Agreement**.
- 6 Scroll to the end of the license agreement.
- 7 Click **I accept these terms**, and click **OK**.
- 8 Click **Next**.
- 9 To change the location of the program files, click **Change**, or click **Next** to accept the default installation directory.
- 10 Click **Install**.
 - If you receive a message that some files are currently in use, click **OK** to close the applications automatically.
 - If you receive a message that setup was unable to close the applications, close the applications manually, and then click **OK**.
- 11 Click **Finish**.

Launch Configuration Wizard is selected by default. When you click **Finish**, you continue to the configuration wizard. See [Configuring the server](#).

Configuring the server

If you are upgrading Active Administrator[®], your previous settings appear on each page. You can quickly page through the wizard accepting the current settings or take the opportunity to make changes to your setup. For detailed instructions on the configuration wizard, see the *Quest[®] Active Administrator[®] Install Guide*.

To run the AA Configuration Wizard

- 1 If you are installing Active Administrator, the configuration wizard opens automatically. Otherwise, open the **AA Configuration Wizard** from the **Start** menu.
- 2 Select **Active Administrator**, and click **Update License**.
- 3 Locate the license file, and click **OK**.
- 4 On the Welcome page, click **Next**.
- 5 Select **Use an existing Active Administrator database**.
- 6 Accept the displayed server and database or select a different server and database.
- 7 Click **Next**.
- 8 Select **Use an existing Active Administrator Archive database**.
- 9 Accept the displayed server and database or select a different server and database.
- 10 Click **Next**.
- 11 Select the purge and archive options to enable or disable.
- 12 Click **Next**.
- 13 Select the path to the Active Administrator share.
- 14 Click **Next**.
- 15 Accept the SMTP server setup or make any necessary changes.
- 16 Click **Next**.
- 17 Type a valid email address or accept the default.
- 18 Click **Next**.
- 19 Accept the active template settings or name any necessary changes.
- 20 Click **Next**.
- 21 Accept the group policy history settings or make any necessary changes.
- 22 Click **Next**.
- 23 Accept the Active Directory backup settings or make any necessary changes.
- 24 Click **Next**.
- 25 To add additional users, click **Add**, find and select users, click **OK**.
- 26 Click **Next**.
- 27 Type the account password for the Active Administrator Foundation Service account.
- 28 The default service port number is 15600. To change the port number, type a value.
- 29 To use the same account for the notification service, select the check box. Otherwise, type or browse for an account with Domain Admin rights, and type the password.
- 30 Click **Next**.
- 31 Click **Finish**.
- 32 Click **Finish**.

Installing Active Administrator console

Install the Active Administrator[®] Console on any workstation that requires the use of Active Administrator.

i | **IMPORTANT:** Active Administrator includes the Diagnostic Console, which is also a feature in Spotlight[®] for Active Directory[®]. If you are currently using Spotlight for Active Directory, you must install the Active Administrator Console on a computer that does not have the Spotlight for Active Directory Console installed.

To install Active Administrator console

- 1 Launch the autorun.
- 2 On the Home page, click **Install**.
- 3 Click **Install** next to Active Administrator Console.
- 4 On the Welcome screen of the Setup Wizard, click **Next**.
- 5 Click **View License Agreement**.
- 6 Scroll to the end of the license agreement.
- 7 Click **I accept these terms**, and click **OK**.
- 8 Click **Next**.
- 9 To change the location of the program files, click **Change**, or click **Next** to accept the default installation directory
- 10 Click **Install**.
- 11 By default, the option to start the Active Administrator Console is selected. If you do not want to start the console, clear the check box.
- 12 Click **Finish**.
The first time the Active Administrator console opens, you are asked to set the Active Administrator Server.
- 13 Type the name of the server where Active Administrator Server is installed, or browse to locate a server.
- 14 Click **OK**.

i | **NOTE:** If you want to change the server, select **Settings | Set Active Administrator Server**.

Updating audit agents

To collect data on a computer, you must install and activate the audit agent. A wizard guides you through installing the audit agent.

To update audit agents

- 1 Select **Auditing & Alerting | Agents**.
- 2 To update selected domain controller(s), select **More | Update**.
–OR–
To update all listed domain controllers, select **More | Update All**.

i | **NOTE:** You may need to refresh the audit agents to correct the display. Click **Refresh** or select domain controllers, and click **Refresh Selected**.

Switching to Active Directory Health

The Active Directory® Health module incorporates key features from Quest® Directory Analyzer and Directory Troubleshooter. If you are a current user of Directory Analyzer and Directory Troubleshooter, you can switch over to Active Directory Health gradually, or right away. See the *Quest® Active Administrator® User Guide* for detailed instructions.

To switch gradually

- 1 Deploy at least two agents into the Active Directory Health agent pool and add a few domain controllers to monitor.
- 2 Stop, but do not uninstall yet, the old Directory Analyzer agent running on the domain controllers you just added.
- 3 Test these domain controllers in Active Directory Health.
- 4 If everything looks good, uninstall the old Directory Analyzer agents on the monitored domain controllers.
- 5 Add a few more domain controllers to the list of monitored domain controllers.
- 6 Test these domain controllers in Active Directory Health.
- 7 If everything looks good, uninstall the old Directory Analyzer agents on the monitored domain controllers.
- 8 Repeat steps 5 through 7 until all of your domain controllers are monitored by the Active Directory Health Agent pool.

To switch right away

- 1 Deploy the number of required agents and add the domain controllers.
- 2 Shut down the old Directory Analyzer agents.
- 3 Test Active Directory Health for a period of time.
- 4 Remove the old Directory Analyzer agents.

More resources

Additional information is available from the following:

- Online product documentation (<https://support.quest.com/active-administrator/8.1/release-notes-guides>)
- The Active Administrator Community (<https://www.quest.com/community/products/active-administrator>)

Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release is Unicode-enabled and supports any character set. In this release, all product components should be configured to use the same or compatible character encodings and should be installed to use the same locale and regional options. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe, Far-East Asia, Japan.

About us

We are more than just a name

We are on a quest to make your information technology work harder for you. That is why we build community-driven software solutions that help you spend less time on IT administration and more time on business innovation. We help you modernize your data center, get you to the cloud quicker and provide the expertise, security and accessibility you need to grow your data-driven business. Combined with Quest's invitation to the global community to be a part of its innovation, and our firm commitment to ensuring customer satisfaction, we continue to deliver solutions that have a real impact on our customers today and leave a legacy we are proud of. We are challenging the status quo by transforming into a new software company. And as your partner, we work tirelessly to make sure your information technology is designed for you and by you. This is our mission, and we are in this together. Welcome to a new Quest. You are invited to Join the Innovation.

Our brand, our vision. Together.

Our logo reflects our story: innovation, community and support. An important part of this story begins with the letter Q. It is a perfect circle, representing our commitment to technological precision and strength. The space in the Q itself symbolizes our need to add the missing piece—you—to the community, to the new Quest.

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For sales or other inquiries, visit <https://www.quest.com/company/contact-us.aspx> or call +1-949-754-8000.

Technical support resources

Technical support is available to Quest customers with a valid maintenance contract and customers who have trial versions. You can access the Quest Support Portal at <https://support.quest.com>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request.
- View Knowledge Base articles.
- Sign up for product notifications.
- Download software and technical documentation.
- View how-to-videos.
- Engage in community discussions.
- Chat with support engineers online.
- View services to assist you with your product.

Third-party contributions

This product contains the following third-party components. For third-party license information, go to <https://www.quest.com/legal/license-agreements.aspx>. Source code for components marked with an asterisk (*) is available at <https://opensource.quest.com>.

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