

One Identity Authentication Services 4.1.3

Release Notes

October 2017

These release notes provide information about the One Identity Authentication Services release.

About this release

Authentication Services extends the capabilities of UNIX, Linux and Mac systems to seamlessly and transparently join Active Directory and integrate Unix identities with Active Directory Windows accounts.

Authentication Services Version 4.1.3 is a minor release that has been rebranded to One Identity.

New features

Authentication Services, the solution that pioneered the "Active Directory Bridge" market continues to lead the way with powerful and innovative new capabilities that make heterogeneous identity and access management even more efficient, secure, and compliant.

Authentication Services 4.1 features include:

- **Upgrade Without Reboot:** Authentication Services adds the functionality required so that future upgrades will no longer require a system reboot when upgrading as a

local user. Some customer deployments of Authentication Services have been running on old versions for long periods of time because of the difficulties of scheduling sever down time. With Authentication Services 4.1 deployed as the foundation, future releases, under some circumstances, will allow you to deploy upgrades without impacting running services or rebooting.

NOTE: Because of changes Apple makes to their operating system with new macOS releases, this is not always possible especially when upgrading as a mobile account.

- **IPv6 Support:** Authentication Services now supports hosts running full IPv6 environments. Authentication Services automatically uses IPv6 when it is available; it uses IPv4 when IPv6 is not available or is significantly slower than IPv4. IPv6 is available in Authentication Services on most recent operating systems, but is operating system dependent. Run `vastool info ipv6` to determine whether IPv6 is available on each client. Authentication Services operates in IPv4-only, IPv6-only or dual-stack environments; no special configuration is required. Active Directory servers must be running Windows 2008 or later for IPv6 communication.

Authentication Services uses IPv6 when the operating system's DNS resolver correctly supports mapping of IPv4 addresses to IPv6 addresses. If a problem with address mapping is detected, Authentication Services operates in IPv4-only mode, even if an IPv6 address is assigned and other applications use IPv6.

- **Customizable Windows Components Installer:** The Windows installer now allows you to install individual components. The granule install includes: core components, ADUC components, Group Policy Extensions, Documentation, and the Control Center. For example, you can install an individual MMC snap-in without installing the entire Control Center application. These components are also available as MSI packages for automated and configurable installation.

- **Group Policy Updates:**

- Ability to specify "merge" or "replace" several local file settings in the GPO. For example, you can configure `users.allow` to be delivered to every system with the contents overwriting any changes made to the local copy of `users.allow`.
- A new preference manifest setting for MAC Group Policy called Apple Network Browser that allows you to deactivate AirDrop.

NOTE: When upgrading Authentication Services, you must manually add this new preference manifest. Refer to the "Preference Manifest Settings" topic in the *One Identity Authentication Services Mac OS X/macOS Administration Guide* for the procedure "To add a Preference Manifest".

- Ability to distribute trusted certificates through Group Policy.
- **Group Policy for Certificate Autoenrollment:** Authentication Services Certificate Autoenrollment provides a quick and simple way to issue and renew certificates for Mac OS X, UNIX and Linux users and systems from Windows 2008 R2 Certificate Enrollment Services. In this release you can configure Certificate Autoenrollment with Group Policy. Certificate Autoenrollment includes the ability to:

- Automatically enroll x509 Certificates based on Microsoft Certificate Enrollment Policy.
- Renew certificates that are close to expiration according to policy.
- Automatically install newly enrolled certificates into the appropriate system or user keychain.
- Support both user and machine certificate policy.

NOTE: In previous releases, Certificate Autoenrollment 1.0 was provided as an add-on and was only available for Mac OS X. Beginning with Authentication Services version 4.1.2, Certificate Autoenrollment 1.1 is included as a standard installable component, `vascert`, available for Mac OS X, UNIX and Linux.

Management Console for Unix 2.5 Updates:

- Ability to manage Privilege Manager for Unix.
- Ability to manage access control on a single host system.
- Ability to add and remove Active Directory users or groups across multiple hosts.
- Ability to rejoin hosts to Active Directory.
- Ability to reset or change passwords for multiple local accounts across multiple hosts.

See also:

- [Resolved issues](#)

Resolved issues

The following is a list of issues addressed in Authentication Services 4.1.

NOTE: Various defects have been resolved and updated in the quarterly Authentication Services 4.0.3 maintenance releases and have been ported to this release. For more information on these fixes, refer to the 4.0.3 changelog.

Table 1: General resolved issues

Resolved Issue	Issue ID
Authentication Services now honors the Apply Group Policy ACL for denial of Group Policy to computers, users, and groups through this permission.	19110

Known issues

The following is a list of issues known to exist at the time of release.

Table 2: Change Auditor integration known issues

Known Issue	Issue ID
After installing Authentication Services 4.1.0, the machine must be rebooted for Change Auditor to log "QAS GPO Setting Changed" events.	28008

System requirements

Before installing Authentication Services 4.1.3, ensure that your system meets the following minimum hardware and software requirements for your platform. The operating system patch level, hardware, and disk requirements vary by Unix, Linux and Active Directory platform, and are detailed in the *One Identity Authentication Services Administration Guide*.

Use of RCF 2307 attributes in the user object and for storage of NIS maps requires the installation of the Microsoft Windows Server 2003 R2 schema.

Product licensing

This product does not require licensing for the evaluation of features. However, Management Console for Unix will notify you if you have not installed a valid license key.

To activate a purchased commercial license

1. Launch and log into Management Console for Unix.
2. Go into **System Settings**.
3. Click **Authentication Services**, then the **Import** button.
4. Browse for the license file and click **OK**.

Upgrade and installation instructions

The process for upgrading the Authentication Services Windows components from older versions to version 4.1.3 is similar to the installation process. The Windows installer detects older versions and automatically upgrades them. The next time you launch Active Directory Users and Computers, Authentication Services uses the updated Windows components. Refer to the *One Identity Authentication Services Installation Guide* for detailed installation instructions.

Authentication Services allows you to perform all of your Unix identity management tasks from the Authentication Services Control Center. Please refer to the *One Identity Authentication Services Upgrade Guide* for more detailed information about upgrading your current version of Authentication Services using the Authentication Services Control Center.

Of course, you may perform your Unix client management tasks from the Unix command line, if you prefer. You can find those instructions in the *One Identity Authentication Services Administration Guide*.

More resources

Additional information is available from the following:

- Online product documentation: <https://support.oneidentity.com/authentication-services/4.1.3/technical-documents>
- One Identity | Privileged Account Management: <https://www.quest.com/community/products/one-identity/f/privileged-account-management>

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.

This release has the following known capabilities or limitations: There is no localization.

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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:

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- 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 some third-party components (listed below). Copies of their licenses may be found at referencing <https://www.oneidentity.com/legal/license-agreements.aspx>. Source code for components marked with an asterisk (*) is available at <http://opensource.quest.com>.

Table 3: List of Third-Party Contributions

Component	License or Acknowledgement
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Apache Commons Codec 1.4	Apache License Version 2.0, January 2004 http://www.apache.org/licenses/
Apache Commons IO 2.0	Apache License Version 2.0, January 2004 http://www.apache.org/licenses/
Apache Commons Lang 2.5	Apache License Version 2.0, January 2004 http://www.apache.org/licenses/
Bouncy Castle 145	Bouncy Castle 1.5 License Copyright (c) 2000 - 2011 The Legion Of The Bouncy Castle (http://www.bouncycastle.org)
Joda Time 1.6.2	Apache License Version 2.0, January 2004 http://www.apache.org/licenses/
slf4j - Simple Logging Facade for Java 1.7	slf4j license N/A Copyright (c) 2004-2008 QOS.ch All rights reserved.
zt-exec 1.9	Apache License Version 2.0, January 2004 http://www.apache.org/licenses/

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