

One Identity Authentication Services 4.2.4

Release Notes

June 2020

These release notes provide information about the One Identity Authentication Services 4.2.4 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 4.2.4 is a minor release that includes [Resolved issues](#).

⚠ CAUTION: You must upgrade all Windows components on all Windows systems to Authentication Services 4.2.1 or higher before modifying the QAC (Quest Authentication Configuration) in Active Directory using Control Center from QAS 4.2.0 or higher. For more information, please see the [KB Article 314330](#).

Resolved issues

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

Table 1: Resolved issues

Resolved Issue	Issue ID
vasidmap has been deprecated. For information on how to integrate Samba and Authentication Services, see Knowledge Base article 316264 .	NA
vgp/extensions file succeed DISA STIG V 71855.	235387
Smart card GDM configuration documentation was updated for NSSDB. For more information, see the <i>Authentication Services 4.2.4 Smart Card Administration Guide</i> , Configuring GDM for smart card, Register PKCS#11 Module in NSSDB section.	234172
Mobile user's account is updated to reflect the PGID of the AD object.	233602
In workstation mode, the warnings 241 and 242 display as Info instead of Warning.	232957
Password changes as expected.	226692
Creation of /usr/lib/sparcv9 on a x64 system works successfully.	226240
ncurses/tinfo library works on SLES 15 on PPC.	225983
vasproxyd restarts on upgradeto 4.2.x.	225964
Mobile account does not permanently lock out.	225322
Users without access to a server are not allowed to change a password for the server.	224672
GSS-API calls are thread safe.	198732

Known issues

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

Table 2: Known issues

Known Issue	Issue ID
You must upgrade all Windows components on all Windows systems to Authentication Services 4.2.1 or higher before modifying the QAC (Quest Authentication Configuration) in Active Directory using Control Center from QAS 4.2.0 or higher. For more information, please see the KB Article 314330 .	198991
This was corrected in Authentication Services 4.2.1.	

Supported platforms

The following table provides a list of supported Unix and Linux platforms for Authentication Services.

Table 3: Unix agent: Supported platforms

Platform	Version	Architecture
Amazon Linux AMI		x86_64
Apple macOS	10.12, 10.13, 10.14, 10.15	x86_64
CentOS Linux	5, 6, 7, 8	Current Linux architectures: s390, s390x, PPC64, PPC64le, ia64, x86, x86_64, AARCH64
Debian	Current supported releases	x86_64, x86, AARCH64
Fedora Linux	Current supported releases	x86_64, x86, AARCH64
FreeBSD	10.x, 11.x, 12.x	x32, x64
HP-UX	11.31	PA, IA-64
IBM AIX	7.1, 7.2	Power 4+
OpenSuSE	Current supported releases	x86_64, x86, AARCH64
Oracle Enterprise Linux (OEL)	5, 6, 7, 8	Current Linux architectures: s390, s390x, PPC64, PPC64le, ia64, x86, x86_64, AARCH64
Oracle Solaris	10 8/11 (Update 10), 11.x	SPARC, x64
Red Hat Enterprise Linux (RHEL)	5, 6, 7, 8	Current Linux architectures: s390, s390x, PPC64, PPC64le, ia64, x86, x86_64, AARCH64
SuSE Linux Enterprise Server (SLES)/Workstation	11, 12, 15	Current Linux architectures: s390, s390x, PPC64, PPC64le, ia64, x86, x86_64, AARCH64
Ubuntu	Current supported releases	x86_64, x86, AARCH64

System requirements

Before installing Authentication Services 4.2.4, ensure that your system meets the 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.

NOTE: When setting up a virtual environment, carefully consider the configuration aspects such as CPU, memory availability, I/O subsystem, and network infrastructure to ensure the virtual layer has the necessary resources available. Please consult [One Identity's Product Support Policies](#) for more information on environment virtualization.

Windows and cloud requirements

The following are the minimum requirements for using Authentication Services in your environment.

Table 4: Authentication Services requirements

System requirements

Supported Windows Platforms	<p>Prerequisite Windows software</p> <p>If the following prerequisite is missing, the Authentication Services installer suspends the installation process to allow you to download the required component. It then continues the install:</p> <ul style="list-style-type: none">• Microsoft .NET Framework 4.5 <p>You can install Authentication Services on 64-bit editions of the following configurations:</p> <ul style="list-style-type: none">• Windows Server 2008 R2• Windows Server 2012• Windows Server 2012 R2• Windows Server 2016• Windows Server 2019 <p>NOTE: Due to tightened security, when running Authentication Services Control Center on Windows 2008 R2 (or later) operating system, functioning as a domain controller, the process must be elevated or you must add authenticated users to the Distributed COM Users group on the computer. As a best practice, One Identity does not recommend that you</p>
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System requirements

	install or run the Authentication Services Windows components on Active Directory domain controllers. The recommended configuration is to install the Authentication Services Windows components on an administrative workstation.
Supported cloud services	<ul style="list-style-type: none">• AWS Directory Service for Microsoft Active Directory (also called AWS Managed Microsoft AD)• Azure Active Directory Domain Services• Google Cloud Platform Managed Service for Microsoft Active Directory

Product licensing

Authentication Services must be licensed in order for Active Directory users to authenticate on Unix and (missing or bad snippet) hosts.

NOTE: While you can install and configure Authentication Services on (missing or bad snippet) and use the included management tools to Unix-enable users and groups in Active Directory without installing a license, you must have a valid Authentication Services license installed for full functionality.

NOTE: In order to use Starling Two-Factor Authentication with Authentication Services, you must have a valid license for Authentication Services with One Identity Hybrid Subscription included.

Upon receiving your license file from One Identity, copy this license file to your desktop or other convenient location.

To add licenses using the Control Center

1. Open the Control Center and click **Preferences** on the left navigation pane.
2. Expand the **Licensing** section.
The list box displays all licenses currently installed in Active Directory.
3. Click **Actions | Add a license**.
4. Browse for the license file and click **Open**.
The license appears in the list box.

Upgrade and installation instructions

The process for upgrading the Authentication Services Windows components from older versions 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. 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/technical-documents>
- One Identity | Unix Access Management: <https://www.quest.com/community/one-identity/unix-access-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.

About us

One Identity solutions eliminate the complexities and time-consuming processes often required to govern identities, manage privileged accounts and control access. Our solutions enhance business agility while addressing your IAM challenges with on-premises, cloud and hybrid environments.

Contacting us

For sales and other inquiries, such as licensing, support, and renewals, visit <https://www.oneidentity.com/company/contact-us.aspx>.

Technical support resources

Technical support is available to One Identity customers with a valid maintenance contract and customers who have trial versions. You can access the Support Portal at <https://support.oneidentity.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 at www.YouTube.com/OneIdentity
- 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/third-party-licenses.aspx>. Source code for components marked with an asterisk (*) is available at <http://opensource.quest.com>.

Table 5: List of Third-Party Contributions

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expat 2.0.0	Copyright N/A This component is governed by license MIME++ 4.0
Heimdal Krb/GSSapi 1.2	Copyright N/A This component is governed by license Heimdal Krb/GSSapi 1.2
InstallShield 2009	Copyright N/A This component is governed by license InstallShield 2009
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json-lib 2.1	JSON license http://www.json.org/license.html This component is governed by Artistic License 1.0
OpenSSL 0.9.8d	This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/) This component is governed by OpenSSL 1.0 License
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