

Safeguard Authentication Services

Release Notes

Version 6.0.1

24 September 2024, 16:03

These release notes provide information about the Safeguard Authentication Services release. For the most recent documents and product information, see [Online product documentation](#).

Resolved issues

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

Table 1: General resolved issues in version 6.0.1

Resolved Issue	Issue ID
Previously, <code>systemctl</code> could not stop or restart the <code>vasd</code> service after upgrading Safeguard Authentication Services from version 5.x to 6.x. This issue is now fixed.	464332
Previously, some UNIX-enabled groups have been temporarily missing after upgrading or performing the first flush. However, a later flush could fix and fetch the groups correctly. This issue is now fixed. NOTE: This issue affects versions 5.1.2, 5.1.3, and 6.0.0.	464324
If an Active Directory user logs in to a computer for the first time, their home directory is created. Previously, during the creation of the home directory, various errors could occur if the home directory attribute of the user in AD accidentally contained a space, for example: <code>/home/ myusername</code>	464443

Resolved Issue

Issue ID

This issue is now fixed.

Previously, during Kerberos ticket renewal, both the old and the renewed credentials were missing from the credential cache for a short time. This could lead to failing service ticket requests, if the request was initiated at that exact moment in time.

464451

This issue is now fixed.

Supported platforms

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

CAUTION: As of Safeguard Authentication Services version 6.0.1, the following platforms and architectures are no longer supported:

- CentOS Linux 6
- Apple MacOS 11.3
- Oracle Enterprise Linux (OEL) 6
- Red Hat Enterprise Linux (RHEL) 6

Table 2: UNIX agent: Supported platforms

Platform	Version	Architecture
Alma Linux	8, 9	x86_64, AARCH64, PPC64le, s390x
Amazon Linux	AMI, 2, AL2022	x86_64
Apple MacOS	12.0 and above	x86_64, ARM64
CentOS Linux	7, 8	s390x, PPC64, PPC64LE, x86, x86_64, AARCH64
CentOS Stream	8, 9	x86_64, AARCH64, PPC64LE, s390x
Debian	Current supported releases	x86_64, x86, AARCH64
Fedora Linux	Current supported releases	x86_64, x86, AARCH64, PPC64LE
FreeBSD	12.x, 13.x, 14.x	x86_64

Platform	Version	Architecture
HP-UX	11.31	IA-64
IBM AIX	6.1 TL9, 7.1 TL3, TL4, TL5, 7.2, 7.3	Power 4+
OpenSuSE	Current supported releases	x86_64, x86, AARCH64, PPC64LE, s390x
Oracle Enterprise Linux (OEL)	7, 8, 9	x86_64, AARCH64
Oracle Solaris	10 8/11 (Update 10), 11.x	SPARC, x64
Red Hat Enterprise Linux (RHEL)	7, 8, 9	s390x, PPC64, PPC64LE, x86, x86_64, AARCH64
Rocky Linux	8, 9	x86_64, AARCH64, PPC64LE, s390x
SuSE Linux Enterprise Server (SLES)/Workstation	12, 15	s390x, PPC64, PPC64LE, x86, x86_64, AARCH64
Ubuntu	Current supported releases	x86_64, x86, AARCH64

System requirements

Before installing Safeguard Authentication Services 6.0.1, 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 Safeguard Authentication Services Administration Guide*.

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. For more information about environment virtualization, see [One Identity's Product Support Policies](#).

Product licensing

Safeguard Authentication Services must be licensed in order for Active Directory users to authenticate on UNIX and macOS hosts.

NOTE: While you can install and configure Safeguard Authentication Services on Windows and use the included management tools to UNIX-enable users and groups in Active Directory without installing a license, you must have a valid Safeguard Authentication

| Services license installed for full functionality.

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.

To add licenses directly to the UNIX systems

1. Add a valid license file to `/etc/opt/quest/vas/.licenses/` directory.
2. Validate with `/opt/quest/bin/vastool license -i`.

Upgrade and installation instructions

The process for upgrading the Safeguard 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, Safeguard Authentication Services uses the updated Windows components. For detailed installation instructions, see the *One Identity Safeguard Authentication Services Installation Guide*.

For more detailed information about upgrading your current version of Safeguard Authentication Services, see the *One Identity Safeguard Authentication Services Upgrade Guide*.

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 Safeguard Authentication Services Administration Guide*.

Windows and cloud requirements

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

Table 3: Safeguard Authentication Services requirements

System requirements	
Supported Windows Platforms	<p>Prerequisite Windows software</p> <p>If the following prerequisite is missing, the Safeguard 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 4.7.2 <p>You can install Safeguard Authentication Services on 64-bit editions of the following configurations:</p> <ul style="list-style-type: none">• Windows Server 2012• Windows Server 2012 R2• Windows Server 2016• Windows Server 2019• Windows Server 2022• Windows 10• Windows 11 <p>NOTE: Due to tightened security, when running Safeguard Authentication Services Control Center on Windows Server 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 install or run the Safeguard Authentication Services Windows components on Active Directory domain controllers. The recommended configuration is to install the Safeguard Authentication Services Windows components on an administrative workstation.</p>
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

More resources

Additional information is available from the following:

- Online product documentation: <https://support.oneidentity.com/safeguard-authentication-services/technical-documents>

- UNIX Access Management Community forum:
<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.

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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>.

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InstallShield 2009

<http://www.acresso.com/products/is/installshield-resources.htm>.

Heimdal Krb/GSSapi 1.2

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