

# One Identity Authentication Services 4.1.7

## Release Notes

### November 2018

These release notes provide information about the One Identity Authentication Services 4.1.7 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 4.1.7 is a minor release that includes added support for the following platforms:

- Solaris 11.4
- Fedora 28
- MacOS 10.14
- SUSE Linux Enterprise Server 15

**NOTE:** Solaris 8 x86 now requires libm.so.1:version 'SUNW\_1.1.1', which can be found in patch 112757-01 or greater.

This quarterly maintenance release also includes resolution of various defects. See [Resolved issues](#)

# Resolved issues

The following is a list of issues addressed in Authentication Services 4.1.7.

**Table 1: build: resolved issues**

Resolved Issue	Issue ID
Fix issues on other OSs around NSSv2 changes.	

**Table 2: licensing: resolved issue**

Resolved Issue	Issue ID
Authentication Services now requires a valid license to operate properly. If the license can expire, vasd will now generate syslog messages to remind the system owner.	

**Table 3: nss: resolved issue**

Resolved Issue	Issue ID
Better handling of resetting config/passwd when unconfiguring.	775537
Add support for NSSv2, allowing Authentication Services to work on Solaris 11.4 Release.	780133
Fix NSSv2 initial request for uncached user.	786129
Fix issue with netgroups not showing through getgrent on Solaris 11.4.	786550

**Table 4: OSX: resolved issue**

Resolved Issue	Issue ID
Allow the GUI installer to install on OSX 10.14.	787143
Update icons and backgrounds in package.	769239
Stop additional popup messages on some policy types.	776183
Fix occasional unconfiguring of the odmodule.	786548
Correct text of installer to point to correct QAS Join location.	789500
Point config file at proper QAS Join location.	789501

**Table 5: package: resolved issues**

Resolved Issue	Issue ID
Change start order on systemd init systems. Should better handle having	781744

Resolved Issue	Issue ID
vasd running before other daemons start, like cron and NFS.	
Fix leftover symlink on uninstall on aarch.	780109
Remove old style SHA256+salt hashes on upgrade.	790647
<b>i</b>   <b>NOTE:</b> This means disconnected entries will be reset.	
Increment from 4.1.6 to 4.1.7.	

**Table 6: pam: resolved issues**

Resolved Issue	Issue ID
Fix potential segfault when the user's session is corrupted.	776171
Check return values on all pam*_get_*() calls.	785273

**Table 7: rpm: resolved issue**

Resolved Issue	Issue ID
Remove vasclient's dependency on libncurses.so.5. This allows installing on SLES 15 without requiring --nodeps.	787541

**Table 8: scripts: resolved issues**

Resolved Issue	Issue ID
Fix install.sh failure on Solaris 8 x86.	775534
deleted_check.sh, some OSs handle escaping \ differently; change how it works so it does not trigger updates on users it shouldn't.	786524
deleted_check.sh, better handling of users in domains with more than two parts to their name.	786551

**Table 9: snapshot: resolved issue**

Resolved Issue	Issue ID
Gather dnsupdate.conf.	787123

**Table 10: status: resolved issues**

Resolved Issue	Issue ID
Ignore but report on KRB5_* env variables set.	776172
Ignore sssd-shadowutils.	777540

<b>Resolved Issue</b>	<b>Issue ID</b>
Move back to /bin/sh for interpreter.	782998
Handle SPNs with a : in the name.	783603
When reporting error 710, add process type.	785275
Fix possible shell error on AIX for test 624.	787120
Added test 241/242 to warn if USN entries are missing.	787543
Added test 629 to inform caller if pam_localusers is configured.	777193
Add a check for /etc/nologin.	789479

**Table 11: vasd: resolved issues**

<b>Resolved Issue</b>	<b>Issue ID</b>
If vasd cannot process a user's compressed SIDs, do not fail the authentication. Seen with cross domain logins with Windows 2003 DCs.	466358
Make sure to set env variables correctly when fork/execing child processes.	783491
Add support for ssh authentications that try a bad password then publickey.	784922
Add LD_* variable to env to help with correct library loading.	783491
Move back to calling the wrapper script, the right way.	783491
Vasd checks VGP version by checking its wrapper script. When it fails, like during upgrade, send the message to syslog even without debug enabled. Clean up the message.	787122
On AIX allow vasd to address more than 256MB of memory, allowing it to properly cache more than around 55K users.	787437
Handle lack of realpath on some OSs in hosedir- create.sh.	787434
Reduce amount of time plain text version of passwords exist in memory.	789803
Move from salt+sha256 to bcrypt for disconnected hashes.	790425
Fix password change issue introduced from the fix for 789803.	790643
Fix inetgr with an empty tuple (,,) on AIX.	791155
Fix (,,) matching any netgroup name on AIX.	791458

**Table 12: vastool: resolved issues**

<b>Resolved Issue</b>	<b>Issue ID</b>
Add support for authselect.	773389
Fix some ifdef wrapping for 773389 to allow non-Linux builds.	
Fix calling authselect with multiple arguments.	777391
Suppress authselect message on non-authselect systems.	778592
Work on authselect support, allow users with uid < 1000 to log in.	777545
More work on authselect.	778592
Handle authselect with self-enrollment.	779114
configure ad command, allow a DN without domain specified.	782033
Suppress messages and handle instances where semodule is not installed.	778934
When setting a cached password, reset the auth cache daemon so the new password can be used immediately.	777049
When configuring AppArmor during join, handle Suse 11.	784719
Fix issue with otp configure pam <service>.	781549
If otp configure pam fails, touch /etc/pam_radius_acl.conf so local users are not blocked from logging in.	791442

**Table 13: vasydpd: resolved issue**

<b>Resolved Issue</b>	<b>Issue ID</b>
If the parent has to restart the child process, set throttle to once a second, instead of as fast as possible.	779244

**Table 14: VGP: resolved issue**

<b>Resolved Issue</b>	<b>Issue ID</b>
Use the proper format when adding a user/group to allow/deny.	782754

**Table 15: vgptool: resolved issue**

<b>Resolved Issue</b>	<b>Issue ID</b>
Better handling of disk full or other failure situations.	786354

# Known issues

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

**Table 16: SELinux known issues**

Known Issue	Issue ID
<p>After installing the vasd-selinux policy user home directories that were created prior to the policy being installed might have the incorrect SELinux security context label.</p> <p><b>Workaround:</b></p> <p>Run the following command to restore the home directories to their default file contexts:</p> <pre>\$ /opt/quest/libexec/vas/selinux/configure_selinux.sh restore &amp;lt;*/home*&amp;gt;</pre> <p>where /home is the path to the users' home directories that need the correct SELinux context label. If no path is provided, /home is used by default.</p>	

**Table 17: Change Auditor integration known issues**

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

# System requirements

Before installing Authentication Services 4.1.7, 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.

# 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**
4. Click the **Import** button.
5. 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 4.1.7 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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