

# One Identity Privilege Manager for Sudo 6.1.1

## Release Notes

### March 2020

These release notes provide information about the One Identity Privilege Manager for Sudo release.

## About this release

Privilege Manager for Sudo helps Unix/Linux organizations take privileged account management through Sudo to the next level: with a central policy server, centralized management of Sudo and sudoers, centralized reporting on sudoers and elevated rights activities, and event and keystone logging of activities performed through Sudo. With Privilege Manager for Sudo, One Identity provides a plug-in to Sudo 1.8.1 (and later) to make administering Sudo across a few, dozens, hundreds, or thousands of Unix/Linux servers easy, intuitive, and consistent. It eliminates the box-to-box management of Sudo that is the source of so much inefficiency and inconsistency. In addition, the centralized approach delivers the ability to report on the change history of the sudoers policy file.

Privilege Manager for Sudo 6.1.1 is a patch release that includes [Resolved issues](#).

## Resolved issues

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

**Table 1: General resolved issues**

| <b>Resolved Issue</b>   | <b>Issue ID</b> |
|---|-----------------|
| On an install, the package install sets the suid bit on relevant binaries. All pm*info binaries are 4755. | 186531          |

# Supported platforms

The following table provides a list of supported platforms for Privilege Manager clients.

**⚠ CAUTION:** In future versions of the product, macOS, HP-UX, AIX, and Solaris will only be supported as Privilege Manager clients. The client and server will continue to be supported on Linux-based platforms. Users are advised to migrate their Privilege Manager policy servers to Linux-based systems.

**Table 2: Unix client: Supported platforms**

| Platform                        | Version                    | Architecture   |
|---------------------------------|----------------------------|--|
| Amazon Linux AMI                |                            | x86_64   |
| Apple macOS                     | 10.12, 10.13, 10.14        | 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                 | 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 |
| Red Hat Enterprise Linux (RHEL) | 5, 6, 7, 8                 | Current Linux architectures: s390, s390x, PPC64, PPC64le, ia64, x86, x86_64, AARCH64 |
| Solaris                         | 10.x, 11.x                 | SPARC, x64   |

| Platform  | Version                                    | Architecture   |
|---|--|--|
| SuSE Linux Enterprise Server (SLES)/Workstation | 11, 12, 15                                 | Current Linux architectures: s390, s390x, PPC64, PPC64le, ia64, x86, x86_64, AARCH64 |
| Ubuntu  | <a href="#">Current supported releases</a> | x86_64, x86, AARCH64   |

## System requirements

Before installing Privilege Manager 6.1.1, ensure that your system meets the following minimum hardware and software requirements.

**Table 3: Hardware and software requirements**

| Component         | Requirements   |
|-------------------|--|
| Operating systems | See <a href="#">Supported platforms</a> to review a list of platforms that support Privilege Manager clients.  |
| Disk space        | <p>80 MB of disk space for program binaries and manuals for each architecture.</p> <p>Considerations:</p> <ul style="list-style-type: none"> <li>• At a minimum, you must have 80 MB of free disk space. The directories in which the binaries are installed must have sufficient disk space available on a local disk drive rather than a network drive. Before you install Privilege Manager, ensure that the partitions that will contain /opt/quest have sufficient space available.</li> <li>• Sufficient space for the keystroke logs, application logs, and event logs. The size of this space depends on the number of servers, the number of commands, and the number of policies configured.</li> <li>• The space can be on a network disk drive rather than a local drive.</li> <li>• The server hosting Privilege Manager must be a separate machine dedicated to running the pmmasterd daemon.</li> </ul> |
| SSH software      | <p>You must install and configure SSH client and server software on all policy server hosts.</p> <p>You must also install SSH client software on all hosts that will use the Sudo Plugin.</p>  |

| Component | Requirements   |
|-----------|--|
|           | You must enable access to SSH as the root user on the policy server hosts during configuration of the policy servers. Both OpenSSH 4.3 (and later) and Tectia SSH 6.4 (and later) are supported. |
| Processor | Policy Servers: 4 cores  |
|           | Policy Servers: 4GB  |

**Table 4: Primary policy server and host system installation requirements**

| Systems Required      | Minimum Requirements  |
|-----------------------|---|
| Primary Policy Server | <ul style="list-style-type: none"> <li>Supported Unix or Linux operating system</li> <li>SSH (ssh-keyscan binary)</li> </ul>                                |
|                       | <ul style="list-style-type: none"> <li>Supported Unix, Linux, or macOS platform</li> <li>SSH (ssh-keyscan binary)</li> <li>Sudo 1.8.1 (or later)</li> </ul> |

## Upgrade and compatibility

Privilege Manager for Sudo supports a direct upgrade installation from version 2.0. The Privilege Manager software in this release is provided using platform-specific installation packages. For more information on upgrading, see the *One Identity Privilege Manager for Sudo Administration Guide*.

One Identity recommends that:

- You upgrade your policy server (Master) systems before Sudo plugins, and that a policy server is run at the same or higher level than Sudo plugins.
- All policy server systems and Sudo plugins are upgraded to the latest version to take advantage of all new features.

The upgrade process will create symbolic links to ensure that your existing paths function correctly.

## Product licensing

A newly installed Privilege Manager policy server comes with an evaluation license. For more information about the Privilege Manager licensing options, see *Privilege Manager licensing* in the *One Identity Privilege Manager for Sudo Administration guide*.

Although licenses are allocated on a per-agent basis, you install licenses on Privilege Manager policy servers.

No special commands are required to register or license the clients with policy servers. Hosts using the Privilege Manager agents are automatically granted a license once a request is received on the Privilege Manager policy server by means of the sudo client programs.

### **To install a license file**

1. Copy the .xml license file to the policy server.
2. To install the license, run:

```
# /opt/quest/sbin/pmlicense -l <license_file>
```

This command displays your currently installed license and the details of the new license to be installed.

3. When it asks, "Would you like to install the new license (Y/N) [Y]?", press **Enter**, or type: **Y**
4. If there are other policy servers configured in your policy server group, it forwards the license configuration to the other servers.

See the *One Identity Privilege Manager for Sudo Administration Guide* for more information about the syntax and usage of the `pmlicense` command.

## Installation instructions

Privileged Access Suite for Unix offers two editions:

- Standard edition
- Advanced edition

Both editions include:

- One Identity Management Console for Unix, a common management console that provides a consolidated view and centralized point of management for local Unix users and groups.
- Authentication Services, patented technology that enables organizations to extend the security and compliance of Active Directory to Unix, Linux, and Mac platforms and enterprise applications.

In addition:

- The Standard edition licenses you for Privilege Manager for Sudo.
- The Advanced edition licenses you for Privilege Manager for Unix.

One Identity recommends that you follow these steps:

1. Install Authentication Services on one machine, so you can set up your Active Directory forest.

2. Install One Identity Management Console for Unix, so you can perform all the other installation steps from the management console.
3. Add and profile hosts using the management console.
4. Configure the console to use Active Directory.
5. Deploy client software to remote hosts.
6. Depending on which Privileged Access Suite for Unix edition you have purchased, deploy either:
  - Privilege Manager for Unix software (that is, Privilege Manager Agent packages)-OR-
  - Privilege Manager for Sudo software (that is, Privilege Manager for Sudo Plugin packages)

Refer to the **Getting Started** tab in the management console for a better understanding of the steps to take to be up and running quickly.

## More resources

Additional information is available from the following:

- Online product documentation: <https://support.oneidentity.com/privilege-manager-for-sudo/technical-documents>
- One Identity Privileged Account Management 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 supports any single-byte character set. Double-byte or multi-byte character sets are not supported. 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.

# 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.

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

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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:

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- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to videos at [www.YouTube.com/OneIdentity](http://www.YouTube.com/OneIdentity)
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product

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-  **WARNING:** A WARNING icon highlights a potential risk of bodily injury or property damage, for which industry-standard safety precautions are advised. This icon is often associated with electrical hazards related to hardware.
-  **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

# 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 5: List of Third-Party Contributions**

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Version 2.0, January 2004

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