



Safeguard for Sudo 7.3

Ansible Guide

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Legend

 **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.

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For the most recent documents and product information, see [Online product documentation](#).

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Supported platforms

The following table provides a list of supported platforms for Safeguard for Sudo clients.

NOTE: Beginning with version 7.0, Safeguard for Sudo supports only Linux-based systems for Safeguard for Sudo policy servers.

CAUTION: As of Safeguard for Sudo version 7.3, 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 1: Linux supported platforms — server and plugin

Platform	Version	Architecture
Alma Linux	8, 9	x86_64, AARCH64, PPC64le, s390x
Amazon Linux	AMI, 2, AL2022	x86_64
CentOS Linux	7, 8, 9	Current Linux architectures: 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
OpenSUSE	Current supported releases	x86_64, x86, AARCH64
Oracle Enterprise Linux (OEL)	7, 8, 9	Current Linux architectures: s390x, PPC64, PPC64le, x86, x86_64, AARCH64
Red Hat Enterprise Linux (RHEL)	7, 8, 9	Current Linux architectures: s390x, PPC64, PPC64le, x86, x86_64, AARCH64
Rocky Linux	8, 9	x86_64, AARCH64, PPC64le, s390x
SUSE Linux Enterprise Server (SLES)/Workstation	12, 15	Current Linux architectures: s390x, PPC64, PPC64le, x86, x86_64, AARCH64

Platform	Version	Architecture
Ubuntu	Current supported releases	x86_64, x86, AARCH64

Table 2: Unix and Mac supported platforms – plugin

Platform	Version	Architecture
Apple MacOS	12.0 and above	x86_64, ARM64
FreeBSD	12.x, 13.x, 14.x	x32, x64
HP-UX	11.31	IA-64
IBM AIX	6.1 TL9, 7.1 TL3, TL4, TL5, 7.2, 7.3	Power 4+
Oracle Solaris	10 8/11 (Update 10), 11.x	SPARC, x64

Installation

This section describes the installation of Ansible.

Prerequisites

- Ansible version 2.9 or later
 - Collections are a new feature introduced in Ansible version 2.9. Please use the latest 2.9+ release for the best user experience.
- Safeguard for Sudo version 6.1.x or later
 - This collection expects the components and structure of Safeguard for Sudo 6.1.x or later.
 - See collection role documentation for specific, per-role requirements and instructions.
 - See Safeguard for Sudo documentation for requirements and instructions.

From Ansible Galaxy

To install from Ansible Galaxy you can use the `ansible-galaxy` command to install the collection on your control node. See [Ansible documentation](#) for further information.

Using `ansible-galaxy` command:

```
ansible-galaxy collection install oneidentity.privilege_manager
```

The collection can also be added to a project's `requirements.yml` file

```
---
collections:
- name: oneidentity.privilege_manager
```

and installed using the `ansible-galaxy` command. This method allows all required collections for a project to be specified in one place and installed with one command.

```
ansible-galaxy collection install -r requirements.yml
```

When used with Ansible Tower and Ansible AWX the collections in the project's `requirements.yml` file are automatically installed each time a project is run and there is no need to use the `ansible-galaxy` command.

From GitHub

For the examples in this section please see [ansible-Safeguard for Sudo releases](#) page to find the latest collection build artifact (*.tar.gz file) and use the URL to this file in place of the URL's shown below. The collection build artifact is under the 'Assets' section for each release (right click on the *.tar.gz file and select 'Copy link address' to copy URL).

To install from GitHub you can use the `ansible-galaxy` command to install the collection on your control node. See [Ansible documentation](#) for further information.

Using `ansible-galaxy` command:

```
ansible-galaxy collection install https://github.com/OneIdentity/ansible-privilege-manager/releases/download/v0.1.0/oneidentity-privilege_manager-0.1.0.tar.gz
```

The collection can also be added to a project's `requirements.yml` file

```
---
collections:
- name: https://github.com/OneIdentity/ansible-privilege-manager/releases/download/v0.1.0/oneidentity-privilege_manager-0.1.0.tar.gz
```

and installed using the `ansible-galaxy` command. This method allows all required collections for a project to be specified in one place and installed with one command.

```
ansible-galaxy collection install -r requirements.yml
```

When used with Ansible Tower and Ansible AWX the collections in the project's `requirements.yml` file are automatically installed each time a project is run and there is no need to use the `ansible-galaxy` command.

Local build and install

For local build and installation, you can clone the Git repository, build the collection artifact, and install the locally built collection artifact. This would be useful for those wishing to extend or customize the collection.

1. Clone the Git repository:

```
git clone https://github.com/OneIdentity/ansible-privilege-manager.git
```

2. Run a local build inside the collection using the `ansible-galaxy` command in the root directory of the cloned repository:

```
cd ansible-privilege-manager
ansible-galaxy collection build
```

The build command will generate an Ansible Galaxy collection artifact with a `tar.gz` file extension, sample output will look like the following:

```
Created collection for oneidentity.privilege_manager at
/home/user/ansible-privilege-manager/oneidentity-privilege_manager-
0.1.0.tar.gz
```

The path shown above is just an example, the path to your build artifact will be in the root directory of the cloned repository.

3. Install the locally-built collection artifact using the `ansible-galaxy` command to install the collection on your control node. See [Ansible documentation](#) for further information.

Using `ansible-galaxy` command:

```
ansible-galaxy collection install /home/user/ansible-privilege-
manager/oneidentity-privilege_manager-0.1.0.tar.gz
```

The collection can also be added to a project's `requirements.yml` file

```
---
collections:
- name: /home/user/ansible-privilege-manager/oneidentity-privilege_
manager-0.1.0.tar.gz
```

and installed using the `ansible-galaxy` command. This method allows all required collections for a project to be specified in one place and installed with one command.

```
ansible-galaxy collection install -r requirements.yml
```

When used with Ansible Tower and Ansible AWX the collections in the project's `requirements.yml` file are automatically installed each time a project is run and there is no need to use the `ansible-galaxy` command.

Privilege Manager Ansible Collection

The One Identity Safeguard for Sudo Ansible Collection, referred to as `ansible-privilege-manager`, consists of roles, modules, plugins, report templates, and sample playbooks to automate software deployment, configuration, policy server joining, and report generation for Safeguard for Sudo.

Collection contents

The table below shows the former MCU functions and their Ansible equivalents as well as new Ansible functions with no former MCU equivalents:

Actions in MCU	Equivalent in Ansible	Description
Check readiness	preflight role	Check server readiness for software install and Policy Server create. Check client readiness for software install and Policy Server join.
Install on a host	software role	Server and client software install, upgrade, downgrade, uninstall, and version checking.
Join host	join role	Client Policy Server joining/unjoining.
N/A	sudoers role	Gathers sudoers file information including included sudoers files and directories. User and group information can be gathered as well.
N/A	sudo_policy_for_unix_host role	List the version of Privilege Manager for sudo plugins and the sudo policies in use on all client hosts that are joined to the policy group.

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Contacting us

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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:

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- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product