

One Identity Safeguard for Privileged Passwords

Release Notes

Version 8.2.2

13 April 2026, 10:03

These release notes provide information about the One Identity Safeguard for Privileged Passwords release. For the most recent documents and product information, see [Online product documentation](#).

The versions align with One Identity Safeguard for Privileged Sessions. For more information, see [Long Term Support \(LTS\) and Feature Releases](#).

One Identity Safeguard for Privileged Passwords 8.2.2 is a patch release with no new functionality. See [Resolved issues](#).

About the Safeguard product line

The One Identity Safeguard for Privileged Passwords 4000 Appliance and 3000 Appliance are built specifically for use only with the One Identity Safeguard for Privileged Passwords privileged management software, which is pre-installed and ready for immediate use. The appliance is hardened to ensure the system is secured at the hardware, operating system, and software levels. The hardened appliance approach protects the privileged management software from attacks while simplifying deployment and ongoing management and shortening the time frame to value.

One Identity Safeguard for Privileged Passwords virtual appliances and cloud applications are also available. 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. See [One Identity's Product Support Policies](#) for more information on environment virtualization.

Safeguard privileged management software suite

Safeguard privileged management software is used to control, monitor, and govern privileged user accounts and activities to identify possible malicious activities, detect entitlement risks, and provide tamper proof evidence. The Safeguard products also aid incident investigation, forensics work, and compliance efforts.

The Safeguard products' unique strengths are:

- One-stop solution for all privileged access management needs
- Easy to deploy and integrate
- Unparalleled depth of recording
- Comprehensive risk analysis of entitlements and activities
- Thorough Governance for privileged account

The suite includes the following modules:

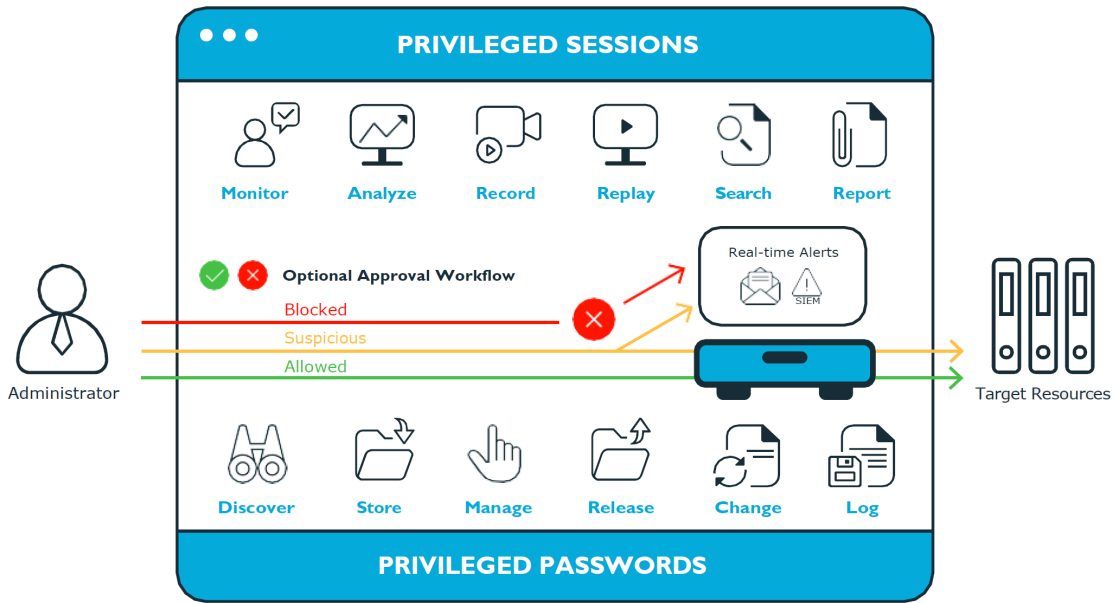
- **One Identity Safeguard for Privileged Passwords** automates, controls, and secures the process of granting privileged credentials with role-based access management and automated workflows. Deployed on a hardened appliance, One Identity Safeguard for Privileged Passwords eliminates concerns about secured access to the solution itself, which helps to speed integration with your systems and IT strategies. Plus, its user-centered design means a small learning curve and the ability to manage passwords from anywhere and using nearly any device. The result is a solution that secures your enterprise and enables your privileged users with a new level of freedom and functionality.
- **One Identity Safeguard for Privileged Sessions (SPS)** is part of One Identity's Privileged Access Management portfolio. Addressing large enterprise needs, SPS is a privileged session management solution, which provides industry-leading access control, as well as session monitoring and recording to prevent privileged account misuse, facilitate compliance, and accelerate forensics investigations.

SPS is a quickly deployable enterprise appliance, completely independent from clients and servers to integrate seamlessly into existing networks. It captures the activity data necessary for user profiling and enables full user session drill-down for forensics investigations.

NOTE: Configuration options and details related to SPS will only be visible to customers that have purchased and joined the product to One Identity Safeguard for Privileged Passwords.

- **One Identity Safeguard for Privileged Analytics (SPA)** integrates data from SPS to use as the basis of privileged user behavior analysis. Safeguard for SPA uses machine learning algorithms to scrutinize behavioral characteristics, and generates user behavior profiles for each individual privileged user. Safeguard for SPA compares actual user activity to user profiles in real time, and profiles are continually adjusted using machine learning. Safeguard for SPA detects anomalies and ranks them based on risk so you can prioritize and take appropriate action and ultimately prevent data breaches.

Figure 1: Privileged Sessions and Privileged Passwords



Resolved issues

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

Table 1: General resolved issues

Resolved issue	Issue ID
<p>Previously, SPP could not connect to the registered Azure AD 2.0 connector with the following error message:</p> <p>Unable to re-sync registered connector. The platform 'Azure AD 2.0' already exists.</p> <p>This issue is now resolved.</p>	702009

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: General known issues

Known Issue	Issue ID
<p>If you create an Azure AD 2.0 connector asset on SPP 8.2.1, the value of the Sync deletions every setting is not configured correctly.</p> <p>NOTE: This issue will not occur if you create an Azure AD 2.0 connector asset on SPP 8.2.2 or later.</p> <p>Workaround</p> <p>To avoid data loss, update the Azure AD 2.0 connector asset via the API and specify <code>DeleteSyncInterval</code>. For more information, see Knowledge Base Article 4382772.</p>	703480
<p>Customizing RDP display settings has the following known issues:</p> <ul style="list-style-type: none">• Pin connection bar does not work, as this setting has no visible impact on the remote desktop. This is a known issue in certain Windows operating systems.• Disable Ctrl+Alt+Del does not work on all Windows versions.• Desktop composition does not work, as this setting has no visible impact on the remote desktop.• Visual styles does not work, as this setting has no visible impact on the remote desktop.	478308
<p>Safeguard 3000 appliances might hang on reboot during upgrade to 7.0.2.</p> <p>Workaround</p> <p>Reboot the primary server.</p>	416849

System requirements

Before installing One Identity Safeguard for Privileged Passwords 8.2.2, ensure that your system meets the following minimum hardware and software requirements.

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](#).

Bandwidth

It is recommended that connection, including overhead, is faster than 10 megabits per second inter-site bandwidth with a one-way latency of less than 500 milliseconds. If you

are using traffic shaping, you must allow sufficient bandwidth and priority to port 655 UDP in the shaping profile. These numbers are offered as a guideline only in that other factors could require additional network tuning. These factors include but are not limited to: jitter, packet loss, response time, usage, and network saturation. If there are any further questions, please check with your Network Administration team.

Web client requirements

Table 3: Web client requirements

Requirement	Details
Web browsers	<p>Desktop browsers:</p> <ul style="list-style-type: none"> • Apple Safari 16.0 for desktop (or later) • Google Chrome 108 (or later) • Microsoft Edge 108 (or later) • Mozilla Firefox 108 (or later) <p>Mobile device browsers:</p> <ul style="list-style-type: none"> • Apple Safari Mobile 14.7 (or newer) • Google Chrome on Android 108 (or newer)

Web management console requirements

Table 4: Web management console requirements

Requirement	Details
Web browsers	<p>Desktop browsers:</p> <ul style="list-style-type: none"> • Apple Safari 16.0 for desktop (or later) • Google Chrome 108 (or later) • Microsoft Edge 108 (or later) • Mozilla Firefox 108 (or later)

Platforms and versions follow.

- You must license the VM with a Microsoft Windows license. One Identity recommends using either the MAK or KMS method. Direct any specific questions about licensing to your Sales Representative.
- Supported hypervisors:
 - Kernel-based Virtual Machine (KVM) Hypervisor
 - Microsoft Hyper-V (VHDX) version 8 or higher
 - Nutanix AHV

- Proxmox Virtual Environment (VE)
- VMware vSphere with vSphere Hypervisor (ESXi) versions 6.7 or higher
- VMware Workstation version 14 or higher
- Minimum resources: 4 CPUs, 24 GB RAM, and a 500 GB disk. The virtual appliances default deploy does not provide adequate resources. Ensure these minimum resources are met.
- Recommended resources: For deploying One Identity Safeguard for Privileged Passwords, One Identity recommends 8 CPUs and 32 GB RAM.

Supported platforms

One Identity Safeguard for Privileged Passwords supports a variety of platforms, including custom platforms.

One Identity Safeguard for Privileged Passwords tested platforms

The following table lists the platforms and versions that have been tested for One Identity Safeguard for Privileged Passwords (SPP). Additional assets may be added to One Identity Safeguard for Privileged Passwords. If you do not see a particular platform listed when adding an asset, use the **Other, Other Managed, Other Directory**, or **Linux** selection on the **Management** tab of the **Asset** dialog. For more information, see [Management tab \(add asset\)](#) in the *One Identity Safeguard for Privileged Passwords Administration Guide*.

One Identity Safeguard for Privileged Passwords linked to SPS: Sessions platforms

CAUTION: When linking your One Identity Safeguard for Privileged Sessions (SPS) deployment to your One Identity Safeguard for Privileged Passwords (SPP) deployment, ensure that the SPS and SPP versions match the following requirement. For feature releases, the first two parts of the version must match. For example, 7.5. For LTS releases, the first three parts of the version must match. For example, 7.0.5.

When you apply an update to one product that causes the versions not to match according to these rules, you must apply an update to the other product as well so that the version numbers match the rules specified. There might be times when there is only a minor release of SPP or SPS, but not both. The last part of the version number will change, but it will not break the rules. Therefore, you need to install the patch only.

Make sure that you do not mix Long Term Supported (LTS) and feature releases. For example, do not link an SPS version 6.0.1 to an SPP version 6.1.

If One Identity Safeguard for Privileged Passwords (SPP) is linked with a SPS (SPS) appliance, platforms are supported that use one of these protocols:

- SPP 2.8 or lower: RDP, SSH
- SPP 2.9 or higher: RDP, SSH, or Telnet

Some platforms may support more than one protocol. For example, a Linux (or Linux variation) platform supports both SSH and Telnet protocols.

Table 5: Supported platforms: Assets that can be managed

Platform Name	Tested Versions	Supports SPP	Supports SPS Access	Supports just-in-time (JIT) privileged elevation
ACF2	ACF2 for z/OS 16.0	True	True	False
ACF2 over LDAP	ACF2 for z/OS 16.0	True	False	True
Active Directory	Active Directory	True	False	True
AIX	AIX 7.2 AIX 7.3	True	True	True
Amazon Linux	Amazon Linux 2 Amazon Linux 2023 Amazon Linux Other	True	True	True
Amazon Web Services	Amazon Web Services 1	True	False	False
CentOS Linux	CentOS Stream 9	True	True	True
Check Point GAIa (SSH)	Check Point GAIa (SSH) R80.30 Check Point GAIa (SSH) R81	True	True	False
Cisco ASA	Cisco ASA 7.X Cisco ASA 8.X Cisco ASA 9.X	True	True	False
Cisco IOS	Cisco IOS 12.X Cisco IOS 15.X Cisco IOS 16.X Cisco IOS 17.X	True	True	False
Cisco ISE	Cisco ISE 2.7 Cisco ISE 3	True	False	False

Platform Name	Tested Versions	Supports SPP	Supports SPS Access	Supports just-in-time (JIT) privileged elevation
	Cisco ISE 3.3 Cisco ISE 3.4			
Cisco ISE CLI	Cisco ISE CLI 2.7 Cisco ISE CLI 3	True	True	False
Cisco NX-OS	Cisco NX-OS 9.3(7) Cisco NX-OS 9.3(7a)	True	True	False
Debian GNU/Linux	Debian GNU/Linux 10 Debian GNU/Linux 11 Debian GNU/Linux 12	True	True	True
Dell iDRAC	Dell iDRAC 8 Dell iDRAC 9	True	True	False
eDirectory LDAP	eDirectory LDAP 9	True	False	True
ESXi	ESXi 7.0 ESXi 8.0	True	False	False
F5 Big-IP	F5 Big-IP 13.0 F5 Big-IP 14.0 F5 Big-IP 15.0 F5 BIG-IP 16.0 F5 BIG-IP 17.0	True	True	False
Fedora	Fedora 38 Fedora 39	True	True	True
Fortinet FortiOS	Fortinet FortiOS 6.2 Fortinet FortiOS 7.0 Fortinet FortiOS 7.2 Fortinet FortiOS 7.4	True	True	False
FreeBSD	FreeBSD 13 FreeBSD 14	True	True	True
Google Cloud Secret	Current	True	False	False

Platform Name	Tested Versions	Supports SPP	Supports SPS Access	Supports just-in-time (JIT) privileged elevation
Manager				
HP iLO	HP iLO 4 HP iLO 5 HP iLO 6	True	True	False
HP iLO MP	HP iLO MP 2 HP iLO MP 3	True	True	False
HP-UX	HP-UX 11iv3 (B.11.31)	True	True	True
IBM i	IBM i 7.4 IBM i 7.5	True	True	False
JunOS - Juniper Networks	JunOS - Juniper Networks 20 JunOS - Juniper Networks 21 JunOS - Juniper Networks 22 JunOS - Juniper Networks 23	True	True	False
Kubernetes Secrets	Kubernetes Secrets 1.30.6	True	False	False
LDAP	OpenLDAP 2.4	True	False	False
Linux		True	True	False
macOS	macOS 12 macOS 13 macOS 14	True	True	False
MongoDB	MongoDB 5.0 MongoDB 6.0 MongoDB 7.0	True	False	False
MySQL	MySQL 8.0 LTS	True	False	False
Oracle	Oracle 19c Oracle 21c Oracle 23c	True	False	False
Oracle Linux (OL)	Oracle Linux (OL) 7 Oracle Linux (OL) 8	True	True	True

Platform Name	Tested Versions	Supports SPP	Supports SPS Access	Supports just-in-time (JIT) privileged elevation
	Oracle Linux (OL) 9			
PAN-OS	PAN-OS 9.1 PAN-OS 10.1 PAN-OS 10.2 PAN-OS 11.0 PAN-OS 11.1	True	True	False
PostgreSQL	PostgreSQL 12 PostgreSQL 13 PostgreSQL 14 PostgreSQL 15 PostgreSQL 16	True	False	False
RACF	zSecurity Manager for RACF z/VM 2.5	True	True	False
RACF over LDAP	zSecurity Manager for RACF z/VM 2.5	True	False	True
Red Hat Directory Server	Red Hat Directory Server 11 Red Hat Directory Server 12	True	False	False
Red Hat Enterprise Linux (RHEL)	Red Hat Enterprise Linux (RHEL) 7 Red Hat Enterprise Linux (RHEL) 8 Red Hat Enterprise Linux (RHEL) 9	True	True	False
SAP HANA	SAP HANA SAP HANA 2 SPS 07	True	False	False
SAP Netweaver Application Server	SAP Netweaver Application Server 7.5	True	False	False
Safeguard For Privileged	SPP 7.0 and newer	True	False	True

Platform Name	Tested Versions	Supports SPP	Supports SPS Access	Supports just-in-time (JIT) privileged elevation
Passwords Accounts				
Safeguard For Privileged Passwords Users	SPP 7.0 and newer	True	False	True
SPS	SPS 7.0	True	True	False
Solaris	Solaris 10 Solaris 11.3 Solaris 11.4	True	True	False
SonicOS	SonicOS 6.5 SonicOS 7 SonicOSX 7	True	False	False
SonicWALL SMA or CMS	SonicWALL SMA or CMS 11.3.0	True	False	False
SQL Server	SQL Server 2014 SQL Server 2016 SQL Server 2017 SQL Server 2019 SQL Server 2022	True	False	False
SUSE Linux Enterprise Server (SLES)	SUSE Linux Enterprise Server (SLES) 12 SUSE Linux Enterprise Server (SLES) 15	True	True	True
Sybase (Adaptive Server Enterprise)	Sybase (Adaptive Server Enterprise) 15.7 Sybase (Adaptive Server Enterprise) 16 Sybase (Adaptive Server Enterprise) 17	True	False	False
Top Secret - Mainframe	Top Secret - Mainframe r16 zSeries	True	False	False

Platform Name	Tested Versions	Supports SPP	Supports SPS Access	Supports just-in-time (JIT) privileged elevation
Top Secret - Mainframe LDAP	Top Secret - Mainframe LDAP r16	True	True	True
Ubuntu	Ubuntu 18.04 LTS Ubuntu 22.04 LTS Ubuntu 22.10 Ubuntu 23.10 Ubuntu 24.04 LTS	True	True	True
VMware vCenter Server	VMware vCenter Server 6.7 VMware vCenter Server 7.0	True	True	False
Windows Desktop	Windows 10 Windows 11	True	True	False
Windows Desktop (SSH)	Windows 10 Windows 11	True	True	False
Windows Desktop (WinRM)	Windows 10 Windows 11	True	True	True
Windows Server	Windows Server 2016 Windows Server 2019 Windows Server 2022 Windows Server 2025	True	True	True
Windows Server (SSH)	Windows Server 2016 Windows Server 2019 Windows Server 2022 Windows Server 2025	True	True	True

NOTE: Starting from Windows Server 2025, OpenSSH is installed by default. To manage Windows Server 2025 as a

Platform Name	Tested Versions	Supports SPP	Supports SPS Access	Supports just-in-time (JIT) privileged elevation
	Windows SSH asset and perform password check tasks, add the accounts associated with the asset to the OpenSSH Users user group. For more information, see Enable OpenSSH Server in the <i>Microsoft Windows Server</i> documentation.			
Windows Server (WinRM)	Windows Server 2016 Windows Server 2019 Windows Server 2022 Windows Server 2025	True	True	True

Table 6: Supported platforms: Directories that can be searched

Platform Name	Platform Version
Microsoft Active Directory	Windows Server 2016+ DFL/FFL
LDAP	2.4

For a complete list of platforms (connectors) supported via Starling Connect, see [Starling Connect](#).

For all supported platforms, it is assumed that you are applying the latest updates. For unpatched versions of supported platforms, Support will investigate and assist on a case-by-case basis but it may be necessary for you to upgrade the platform or use SPP's custom platform feature.

IMPORTANT: For the current list of platforms supported by Connect for Safeguard Assets, see the [Connect for Safeguard Assets User Guide](#).

Custom platforms

The following example platform scripts are available:

- Custom HTTP
- Linux SSH

- Telnet
- TN3270 transports are available

For more information, see [Custom Platforms](#) and [Creating a custom platform script](#) in the *One Identity Safeguard for Privileged Passwords Administration Guide*.

Sample custom platform scripts and command details are available at the following links available from the [Safeguard Custom Platform Home](#) wiki on GitHub:

- Command-Reference:
<https://github.com/OneIdentity/SafeguardCustomPlatform/wiki/Command-Reference>
- Writing a custom platform script:
<https://github.com/OneIdentity/SafeguardCustomPlatform/wiki/WritingACustomPlatformScript>
- Example platform scripts are available at this location:
<https://github.com/OneIdentity/SafeguardCustomPlatform/tree/master/SampleScripts>

⚠ CAUTION: Example scripts are provided for information only. Updates, error checking, and testing are required before using them in production. One Identity Safeguard for Privileged Passwords checks to ensure the values match the type of the property that include a string, boolean, integer, or password (which is called secret in the API scripts). One Identity Safeguard for Privileged Passwords cannot check the validity or system impact of values entered for custom platforms.

Long Term Support (LTS) and Feature Releases

Releases use the following version designations:

- Long Term Support (LTS) Releases: The first digit identifies the release and the second is a zero (for example, 6.0 LTS).
- Maintenance LTS Releases: A third digit is added followed by LTS (for example, 6.0.6 LTS).
- Feature Releases: The Feature Releases version numbers are two digits (for example, 6.6).

Customers choose between two paths for receiving releases: Long Term Support (LTS) Release or Feature Release. See the following table for details.

Table 7: Comparison of Long Term Support (LTS) Release and Feature Release

Long Term Support (LTS)	Feature Release
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Release		
General Release	<p>Scope: Includes new features, resolved issues and security updates</p> <p>Versioning: The first digit identifies the LTS and the second digit is a 0 (for example, 6.0 LTS, 7.0 LTS, and so on).</p>	<p>Scope: Includes the latest features, resolved issues, and other updates, such as security patches for the OS</p> <p>Versioning: The first digit identifies the LTS and the second digit is a number identifying the Feature Release (for example, 6.6, 6.7, and so on).</p>
Maintenance Release	<p>Scope: Includes critical resolved issues</p> <p>Versioning: A third digit designates the maintenance LTS Release (for example, 6.0.6 LTS).</p>	<p>Scope: Includes highly critical resolved issues</p> <p>Versioning: A third digit designates the maintenance Feature Release (for example, 6.6.1).</p>

Release and support details can be found at [Product Life Cycle](#).

⚠ CAUTION: Downgrading from the latest Feature Release, even to an LTS release, voids support for SPP.

One Identity strongly recommends always installing the latest revision of the release path you use (Long Term Support path or Feature Release path).

Moving between LTS and Feature Release versions

You can move from an LTS version (for example, 6.0.7 LTS) to the same feature version (6.7) and then patch to a later feature version. After that, you can patch from the minimum version for the patch, typically N-3. If you move from an LTS version to a feature version, you will receive a warning like the following which informs you that you will only be able to apply a Feature Release until the next LTS Release:

Warning: You are patching to a Feature Release from an LTS Release. If you apply this update, you will not be able to upgrade to a non-Feature Release until the next LTS major release version is available. See the Administration Guide for details.

You cannot move from a Feature Release to LTS Release. For example, you cannot move from 6.7 to 6.0.7 LTS. You have to keep upgrading with each new Feature Release until the next LTS Release version is published. For this example, you would wait until 7.0 LTS is available.

Patching

You can only patch from a major version. For example, if you have version 6.6 and want to patch to 7.7, you must patch to 7.0 LTS and then apply 7.7.

An LTS major version of One Identity Safeguard for Privileged Passwords (SPP) will only work with the same LTS major version of SPS (SPS). For the best experience, it is recommended you use the latest supported version.

Appliance specifications

The One Identity Safeguard for Privileged Passwords Appliance is built specifically for use only with the One Identity Safeguard for Privileged Passwords privileged management software that is already installed and ready for immediate use. It comes hardened to ensure the system is secure at the hardware, operating system, and software levels.

The following tables list the One Identity Safeguard for Privileged Passwords 4000 Appliance and 3000 Appliance specifications and power requirements.

For more information on the supported software versions for SPP hardware appliances, see [Knowledge Base Article 4377774](#) (Compatibility Matrix for software version installs on SPP and SPS hardware appliances).

Table 8: 4000 Appliance: Feature specifications

4000 Appliance	Feature / Specification
Processor	Intel Xeon 4310T 2.3 GHz
# of Processors	1
# of Cores per Processor	10 cores (20 threads)
L2/L3 Cache	15 MB Cache
Chipset	Intel C621A Chipset
DIMMs	ECC DDR4-2667
RAM	64 GB
Internal HD Controller	Supermicro AOC-S3908L-H8iR-16DD
Disk Hard Drive	4 x Seagate Exos 7E10 2TB SAS 512e
Availability	TPM 2.0, EEC Memory, Redundant PSU
I/O Slots	2x PCIe 4.0 x16 FHHL 1x PCIe 4.0 x16 HHHL
RAID	RAID10
NIC/LOM	Broadcom P210TP - 2 x 10G BASE-T Broadcom P210P - 2 x 10G SFP+
Power Supplies	Redundant, 500W/600W, Auto Ranging (100v~240V), RoHS and REACH compliant
Fans	6 Supermicro FAN-0141L
Chassis	1U Rack
Dimensions (HxWxD)	43 x 437.0 x 650.0 (mm)

4000 Appliance	Feature / Specification
	1.7 x 17.2 x 25.6 (in)
Weight	Max: 37 lbs (16.78 Kg)

Table 9: 3000 Appliance: Feature specifications

3000 Appliance	Feature / Specification
Processor	Intel Xeon E3-1275v6 3.8 GHz
# of Processors	1
# of Cores per Processor	4 cores (8 threads)
L2/L3 Cache	8MB L3 Cache
Chipset	Intel C236 Chipset
DIMMs	Unbuffered ECC UDIMM DDR4 2400MHz
RAM	32 GB
Internal HD Controller	LSI MegaRAID SAS 9361-4i Single
Disk Hard Drive	4 x Seagate 7E2000 2TB SAS 512E
Availability	TPM 2.0, EEC Memory, Redundant PSU
I/O Slots	x16 PCIe 3.0, x8 PCIe 3.0
RAID	RAID10
NIC/LOM	4 port - dual GbE LAN with Intel i210-AT
Power Supplies	Redundant, 700W, Auto Ranging (100v~240V), ACPI compatible
Fans	1 Supermicro SNK-P0046P and 2 Micron 16GB 2666MHz 2R ECC Unb Z01B Dual Label
Chassis	1U Rack
Dimensions (HxWxD)	43 x 437.0 x 597.0 (mm) 1.7 x 17.2 x 23.5 (in)
Weight	Max: 37 lbs (16.78 Kg)

Table 10: One Identity Safeguard for Privileged Passwords 4000 Appliance and 3000 Appliance: Power requirements

Input Voltage	100-240 Vac
Frequency	50-60Hz

Power Consumption (Watts)	170.9
BTU	583

One Identity Safeguard for Privileged Passwords is also available as a virtual appliance and from the cloud.

Appliance LCD and controls

The front panel of the One Identity Safeguard for Privileged Passwords 4000 Appliance and 3000 Appliance contain the following controls for powering on, powering off, and scrolling through the LCD display.

- ✓ Green check mark button: Use the **Green check mark** button to start the appliance. Press the **Green check mark** button for NO more than one second to power on the appliance.

⚠ CAUTION: After the One Identity Safeguard for Privileged Passwords Appliance is booted, DO NOT press and hold the Green check mark button. Holding this button for four or more seconds will cold reset the power of the appliance and might result in damage.

- Red X button: Use the **Red X** button to shut down the appliance. Press and hold the **Red X** button for four seconds until the LCD displays POWER OFF.

⚠ CAUTION: After the One Identity Safeguard for Privileged Passwords Appliance is booted, DO NOT press and hold the Red X button for more than 13 seconds. This will hard power off the appliance and might result in damage.

- Down, up, left, and right arrow buttons: When the appliance is running, the LCD home screen displays: Safeguard for Privileged Passwords <version number>. Use the arrow buttons to scroll through the following details:
 - Serial: <appliance serial number>
 - X0: <appliance IP address>
 - MGMT: <management IP address>
 - MGMT MAC: <media access control address>
 - IPMI: <IP address for IPMI>

Table 11: Appliance LCD and controls

Control	Description
Green check mark button	Use the Green check mark button to start the appliance. Press the Green check mark button for NO MORE THAN one second to power

Control	Description
	<p>on the appliance.</p> <div style="border: 1px solid orange; padding: 5px;"> <p>⚠ CAUTION: After the One Identity Safeguard for Privileged Passwords Appliance is booted, DO NOT press and hold the Green check mark button. Holding this button for four or more seconds will cold reset the power of the appliance and might result in damage.</p> </div>
Red X button	<p>Use the Red X button to shut down the appliance. Press and hold the Red X button for four seconds until the LCD displays POWER OFF.</p> <div style="border: 1px solid orange; padding: 5px;"> <p>⚠ CAUTION: After the One Identity Safeguard for Privileged Passwords Appliance is booted, DO NOT press and hold the Red X button for more than 13 seconds. This will hard power off the appliance and might result in damage.</p> </div>
Down, up, left, and right arrow buttons	<p>When the appliance is running, the LCD home screen displays:</p> <ul style="list-style-type: none"> • One Identity Safeguard for Privileged Passwords <version number> <p>Use the arrow buttons to scroll through the following details:</p> <ul style="list-style-type: none"> • Serial: <appliance serial number> • X0: <appliance IP address> • MGMT: <management IP address> • MGMT MAC: <media access control address> • IPMI: <IP address for IPMI>

Product licensing

⚠ CAUTION: All customers upgrading to One Identity Safeguard for Privileged Passwords 8.0 require a new license. For more information, contact One Identity Support.

Hardware appliance

The One Identity Safeguard for Privileged Passwords 4000 Appliance and 3000 Appliance ship with the SPP module which requires a valid license to enable functionality.

You must install a valid license. Once the module is installed, One Identity Safeguard for Privileged Passwords shows a license state of **Licensed** and is operational. If the module

license is not installed, you have limited functionality. That is, even though you will be able to configure access requests, if a SPP module license is not installed, you will not be able to request a password release.

Virtual appliance Microsoft Windows licensing

You must license the virtual appliance with a Microsoft Windows license. We recommend using either the MAK or KMS method. Specific questions about licensing should be directed to your Sales Representative. The virtual appliance will not function unless the operating system is properly licensed.

Licensing setup and update

To enter licensing information when you first log in

The first time you log in as the Appliance Administrator, you are prompted to add a license. The **Success** dialog displays when the license is added.

On the virtual appliance, the license is added as part of Initial Setup.

IMPORTANT: After successfully adding a license, the Software Transaction Agreement will be displayed and must be read and accepted in order to use One Identity Safeguard for Privileged Passwords.

To configure reminders for license expiration

To avoid disruptions in the use of One Identity Safeguard for Privileged Passwords, the Appliance Administrator must configure the SMTP server, and define email templates for the License Expired and the License Expiring Soon event types. This ensures you will be notified of an approaching expiration date.

Users are instructed to contact their Appliance Administrator if they get an "appliance is unlicensed" notification.

As an Appliance Administrator, if you receive a "license expiring" notification, apply a new license.

To update the licensing file

Safeguard licenses can be updated both on hardware and virtual machines, whereas OS licenses can be updated only on virtual machines.


To perform licensing activities

Navigate to **Appliance Management > Appliance > Licensing**.

- To upload a new license file, click **+ Upload new license file** and browse to select the current license file. The Software Transaction Agreement will also be displayed during this process and must be read and accepted in order to complete the licensing process.
- To remove the license file, select the license and click **Remove selected license**.

- To get more information on the license and to export license data, click the **What do these numbers mean?** button, or click on the numbers in the tile.

If you want to export data about users, desktops or systems in CSV or JSON format, navigate to the table from which you want to export data by clicking the corresponding tab, for example **Users Used**.

Click the  export icon located on the table. For more information on exporting, see [Exporting data](#) in the *One Identity Safeguard for Privileged Passwords Administration Guide* and *One Identity Safeguard for Privileged Passwords User Guide* documents.

Below is the list of the available tabs.

For device-based licenses:

- General
- Desktops Used
- Other Desktops
- Systems Used
- Other Systems
- History

For user-based licenses:

- General
 - Users Used
 - Password Vault Only
 - Other Users
 - History
- The **General** tab, contains general information about the license:
 - License usage and consumption
 - Counts of all managed and unmanaged components
 - How licenses are counted
 - License Number
 - License Type
 - Expiration Date
 - Product Version
 - Date Added
 - Added By

Upgrade and installation instructions

- CAUTION:** For customers upgrading to 8.0 from a previous One Identity Safeguard for Privileged Passwords release, be aware that the following changes are required before upgrading:
- A new license is required (<https://support.oneidentity.com/contact-us/licensing>). After the new license is installed, Appliance Administrators must read and accept the Software Transaction Agreement before One Identity Safeguard for Privileged Passwords becomes fully functional.
 - Approval Anywhere has been deprecated. Any One Identity Safeguard for Privileged Passwords customers also currently using Starling Two-Factor Authentication as their authentication provider must upgrade only after they removed all Starling Two-Factor Authentication-related user information.

NOTE: One Identity recommends installing Operating System Level 3 Patch for SPP versions 7.0 and above. For more information, see [Knowledge Base Article 4379497](#).

The One Identity Safeguard for Privileged Passwords 4000 Appliance and 3000 Appliance are built specifically for use only with the One Identity Safeguard for Privileged Passwords privileged management software, which is pre-installed and ready for immediate use on the hardened appliances.

One Identity Safeguard for Privileged Passwords virtual appliances and cloud applications are also available.

If a One Identity Safeguard for Privileged Sessions (SPS) appliance is linked to One Identity Safeguard for Privileged Passwords, session recording is handled via SPS.

The link is initiated from SPS. For details about the link steps and issue resolution, see the [One Identity Safeguard for Privileged Sessions Administration Guide](#).

To set up a new deployment: One Identity Safeguard for Privileged Passwords 4000 Appliance and 3000 Appliance Virtual Machine, or Cloud

If this is a new physical appliance, virtual machine, or cloud deployment, see the [One Identity Safeguard for Privileged Passwords Appliance Setup Guide](#). The guide is also included in the package with a physical appliance.

To update an existing physical appliance or virtual appliance with this patch

It is the responsibility of the Appliance Administrator to upgrade One Identity Safeguard for Privileged Passwords by installing an update file (patch). Consider the following:

- **Minimum patch version:** 8.0.0.21290. If you are running an earlier version of the One Identity Safeguard for Privileged Passwords Appliance, you must upgrade to this version before applying the 8.2.2 patch.
- **Clustered environment:** See [Patching cluster members](#) in the *One Identity Safeguard for Privileged Passwords Administration Guide* for instructions on how to deploy a patch so all appliances in the cluster are on the same version.

Prepare to install a patch

1. Backup your appliance before you install a patch. After you installed a patch, you cannot uninstall it. For more information, see [Backup and restore](#) in the *One Identity Safeguard for Privileged Passwords Administration Guide*.
2. Download the latest physical appliance patch or virtual appliance patch from the One Identity Support Portal:

<https://support.oneidentity.com/one-identity-safeguard-for-privileged-passwords/download-new-releases>


To install the hardware patch

1. As an Appliance Administrator, log in to the One Identity Safeguard for Privileged Passwords client.
2. Select **Appliance Management > Appliance > Patch Updates**.
The current appliance and client versions are displayed.
3. Click **Upload a File** and browse to select the update file you downloaded from the One Identity support web site.

NOTE: When you select a file, One Identity Safeguard for Privileged Passwords uploads it to the server, but does not install it.

4. After the file has successfully uploaded, click **Install Now**.

To install the virtual machine patch

1. Make adequate resources available. The virtual appliances default deploy does not provide adequate resources. The minimum resources required are: 4 CPUs, 24 GB RAM, and a 500 GB disk. Without adequate disk space, the patch will fail and you will need to expand disk space, then re-upload the patch.
2. Go to the web management console and click  (**Setup**). Then, follow the steps of the wizard.

Verifying successful installation

You can verify that the correct version has been successfully installed from the One Identity Safeguard for Privileged Passwords desktop client or the LCD on the One Identity Safeguard for Privileged Passwords Appliance.

To verify that the uploaded patch was installed

1. Log in to the One Identity Safeguard for Privileged Passwords client as an Operations Administrator or an Appliance Administrator.
2. Select **Appliance Management > Appliance > Appliance Information**.
3. Verify the correct appliance version is displayed in the appliance properties pane.

In addition, when the appliance is running, the LCD home screen on the front panel of the appliance shows **One Identity Safeguard for Privileged Passwords** <version number>. Therefore, you can verify the correct appliance version is running from there, as well.

More resources

Additional information is available from the following:

- Online product documentation: https://docs.oneidentity.com/category/safeguard_passwords
- One Identity Safeguard for Privileged Passwords Community: <https://www.oneidentity.com/community/safeguard/>
- Knowledge Base: <https://support.oneidentity.com/one-identity-safeguard-for-privileged-passwords/kb>

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. It supports simultaneous operation with multilingual data. 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. It supports bidirectional writing (Arabic and Hebrew). The release supports Complex Script (Central Asia – India, Thailand).

The release is localized to the following languages: Arabic (Saudi Arabia), Chinese (Traditional), Dutch, French, German, Italian, Japanese, Korean, Portuguese (Brazil), Russian, Spanish.

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.

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

Contacting us

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

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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.

Third-party contributions

This product contains third-party components (listed below). Copies of component licenses may be found at <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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