

One Identity Safeguard for Privileged Sessions

Release Notes

Version 8.0.1

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

One Identity Safeguard for Privileged Sessions version 8.0.1 LTS is a release with new features and resolved issues. For details, see:

- [New features](#)
- [Resolved issues](#)
- [Known issues](#)

NOTE: For a full list of key features in One Identity Safeguard for Privileged Sessions, see the *One Identity Safeguard for Privileged Sessions Administration Guide*.

About the Safeguard product line

The One Identity Safeguard Appliance is built specifically for use only with the Safeguard 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 timeframe to value.

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, 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** is part of One Identity's Privileged Access Management portfolio. Addressing large enterprise needs, One Identity Safeguard for Privileged Sessions 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.

One Identity Safeguard for Privileged Sessions is a quickly deployable enterprise appliance, completely independent from clients and servers - integrating seamlessly into existing networks. It captures the activity data necessary for user profiling and enables full user session drill-down for forensics investigations.

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

New features

New features in One Identity Safeguard for Privileged Sessions (SPS) version 8.0.1 LTS

- **New audited user view**

SPS version 8.0.1 LTS includes a new audited user view. The new **Audit** main menu item contains the **Sessions** tab and the additional **Users** tab.

The new **Users** tab provides an overview of the audited users and allows you to open individual users in a new tab. Each open user tab shows detailed information on the user's sessions, activity, score, session statistics, and baseline build status. This flexibility enables the investigation of multiple users across different time periods simultaneously.

To access the new **Users** tab, you need the **Audit/Access all users** ACL. To view user-related session data, you need the **Audit/Sessions** ACL and either the **Audit/Access all sessions** ACL or ADAR.

For more information, see *Viewing audited user details* in the *Administration Guide*.

- **Handling user names in User Principal Name (UPN) format**

When using the RDP protocol, previous versions of SPS split user names in the email-like UPN format into a user and a domain part.

In favor of supporting alternate UPN suffixes, this is no longer true. This change affects how various components of SPS process or represent user identifiers.

For more information, see *Handling user names in User Principal Name (UPN) format* in the *Administration Guide*.

- **Kerberos authentication for RDP connections**

SPS version 8.0.1 LTS introduces Kerberos authentication for RDP connections.

For more information, see *Kerberos* and *Creating and editing protocol-level RDP settings* in the *Administration Guide*.

Changes and improvements in SPS REST API Reference Guide version 8.0.1 LTS

- **api/audit/users/<user-id>**

You can retrieve detailed user information from the recorded sessions.

For more information, see *Retrieving detailed user information* in the *REST API Reference Guide*.

- **API key authentication to the REST API**

You can use API keys to authenticate to the SPS REST API. This appliance access method is most suitable for scripts, so that saving passwords to text files can be avoided. This feature is available on the REST API only.

For more information, see *Authenticate to the SPS REST API using API keys* in the *REST API Reference Guide*.

- **SPS availability monitoring**

A new REST API endpoint `/api/proxy-status` is available to provide simplified appliance information for load balancer health probes. This feature is available on the REST API only.

For more information, see *Monitor SPS availability from load balancers* in the *REST API Reference Guide*.

Related topics

- [Resolved issues](#)

Deprecated features

Apache lucene database

In SPS 7.0 LTS, One Identity modified the search for screen content in session data to use the search database only. The Apache lucene database support is phased out, but the query language remained lucene-like.

After the switch to the search database, you will be able to access content stored in an Apache lucene database only if you regenerate the content with the reindex tool. For more information, see [Regenerate content stored in lucene indices](#).

Due to the removal of lucene indices, users are not able to search for content in lucene indices with the **content request** parameter on the `/api/audit/sessions` and `/api/audit/sessions/stats` endpoints.

For more information, see *Searching in the session database with the basic search method* in the *REST API Reference Guide* and *Session statistics* in the *REST API Reference Guide*.

Additionally, in **Reporting**, statistics subchapters that included the **audit_content** filter will not work. Alternatively, you can use Search-based subchapters with the **screen.content** filter to create statistic reports from connection metadata that included a specific content in the audit trail.

For more information, see *Creating search-based report subchapters from search results* in the *Administration Guide*.

Content search option deprecation

On the **Sessions** page, the **Content search** option has been deprecated.

Advanced statistics

Creating statistics from custom queries using the **Reporting > View & edit subchapters > Advanced statistics** page has been deprecated. The

/api/configuration/reporting/custom_subchapters REST API endpoint has also been deprecated.

During the upgrade process, existing advanced statistics subchapters and their references are removed from the SPS configuration. Additionally, advanced statistics ACLs assigned to user groups are also removed from the SPS configuration. Note that if a user group only had the advanced statistics ACL assigned under **Users & Access Control > Appliance Access**, the whole ACL entry is removed during the upgrade process.

Alternatively, you can use search-based subchapters to query connection metadata. For more information, see *Creating search-based report subchapters from search results* in the *Administration Guide*.

User lists

On the **Policies** page, **User lists** are allow lists or deny lists of usernames that allow fine-control over who can access a connection or a channel. However, the configuration and the semantics of this policy can be ambiguous. Therefore, One Identity is planning the deprecation and removal of the **User lists** feature in a future SPS release. If you want to maintain the list of allowed usernames, you can use AD/LDAP groups instead.

NOTE: This feature will be deprecated and removed in a future SPS release. The feature is still available in SPS 8.0.1 LTS.

Resolved issues

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

Table 1: General resolved issues in release 8.0.1LTS

Resolved Issue	Issue ID
RDP connection failed on RDS load balanced environment.	471462
Client identity verification is hardened with CVE-2024-40595 but server redirection was not handled properly breaking legacy behavior in transparent mode. This has been fixed, SPS now supports RDS load balancing in transparent mode together with CVE-2024-40595.	
Every second backup creation failed because of a corrupted elasticsearch repository. Before each snapshot creation the repository is cleaned up now.	473504
If an audited user's user score is zero, now it is shown correctly instead of unknown.	476358
On the legacy pages, some of the "I need help" buttons redirected to the wrong links.	406096

Resolved Issue	Issue ID
<p>RDP connection failed in fragmented protocol messages.</p> <p>RDP protocol negotiates client and server capabilities in initial phase. In a special environment where SPS was not directly connected to the Windows server despite multifragmentation support was disabled, SPS received fragmented packets from server side which resulted parsing error and dropped connection.</p> <p>This has been fixed, SPS now supports multifragmentated protocol messages.</p>	448966
<p>Switching to monthly view on the cleanup policy preview charts.</p> <p>Originally, the backend sent back the data in a monthly format, with this fix, the UI will also follow this method.</p>	464865
<p>Logging into SPS immediately after an appliance reboot resulted in an Internal Server Error error message.</p> <p>The issue was caused by the system still booting up, and not checking the ADAR permission correctly. As a result, if the logged in user had an ADAR rule set under the Audit page, the Sessions, Users and a specific user tab didn't contain the info message box informing the user that the search results might be limited.</p> <p>This issue was fixed, and now regardless of how quickly the user logs into the SPS after booting it up, the info message will appear when the user has ADAR rules applied to them.</p>	464961
<p>Connection policies have a connection rate limit setting.</p> <p>Due to an error, it was calculated improperly and allowed more connections than configured. This error was fixed and now the rate limit correctly specifies the number of TCP connections per minute.</p> <p>Note however that in the case of RDP connections, a single connection may require multiple TCP connections.</p>	466048
<p>If the IPv6 address of an RDP client could not be abbreviated (it contained 32 hexadecimal digits and no leading zeroes in any of the address fields), then its RDP connection attempts were rejected.</p>	469633
<p>After the resize of the window, the Audit page user-tabs functionality may be broken. When that problem happened, it lasted until the user left the Audit page.</p>	470860
<p>When editing an existing HTTP Setting or creating a new one under Traffic Controls, on the Settings tab of the HTTP page, then committing configuration changes, warning messages were not displayed as expected. Now the warning messages are displayed correctly when an issue occurs.</p>	462109

Resolved Issue	Issue ID
Fix unhandled "what's new" error.	435743
When the internet is slow, the audited user list no longer waits for loading if the sort is changed.	476453
<p>Mouse pointer is not updated on window edge over RDP.</p> <p>Default mouse pointer is not changed on window edge if mouse shadowing was enabled. Additionally, mouse pointer is not updated well above a specific pointer size.</p> <p>This has been fixed, SPS now supports large pointer capability in RDP.</p>	340536
The server-side resolution was changed by a virtual channel Display control. To avoid this unexpected behavior, the channel was disabled.	466811
In certain time zones, stuck sessions are not closed properly. This issue has been fixed.	480287
<p>For SPS appliances that have large configuration, when testing firmware on the web UI under Basic Settings > System menu point or via the REST API, the configuration validation could be so slow that the server eventually timed out making it impossible to determine whether firmware upgrade is allowed.</p> <p>To fix this, the most time consuming part of the configuration validation has been improved significantly. As a result, even for large configurations (for example, configuration containing 1,000 connection policies), the firmware check can finish before the pre-configured server timeout interval expires.</p>	478663
<p>RDP connections initiated with the /admin switch have failed with certain configurations.</p> <p>RDP connections initiated with the /admin switch failed either on the client side (during TLS verification) or on the SPS side (during session verification). This has been fixed, and SPS now properly handles such connections.</p>	340458
During upgrade, SPS sanitizes the meta information about the recorded sessions (for example, tagging the sessions where no trail was recorded). This upgrade step is required when a session is closed before any channel is opened for the client. To avoid slow upgrades, SPS will tag these sessions during session close instead of waiting until the next upgrade.	480311

Table 2: Resolved Common Vulnerabilities and Exposures (CVE) in release 8.0.1LTS

Resolved Issue	Issue ID
bind9:	CVE-2024-11187

Resolved Issue	Issue ID
	CVE-2024-12705
curl:	CVE-2024-11053
	CVE-2024-9681
expat:	CVE-2024-50602
glib2.0:	CVE-2024-52533
glibc:	CVE-2025-0395
harfbuzz:	CVE-2023-25193
jinja2:	CVE-2024-56201
	CVE-2024-56326
krb5:	CVE-2024-3596
libgd2:	CVE-2021-40812
libxml2:	CVE-2022-49043
	CVE-2024-34459
linux:	CVE-2020-12351
	CVE-2020-12352
	CVE-2020-24490
	CVE-2023-52532
	CVE-2023-52621
	CVE-2023-52639
	CVE-2024-25744
	CVE-2024-26607
	CVE-2024-26661
	CVE-2024-26669
	CVE-2024-26800
	CVE-2024-26822
	CVE-2024-26893
	CVE-2024-26947
	CVE-2024-35904
	CVE-2024-35951

Resolved Issue	Issue ID
	CVE-2024-35963
	CVE-2024-35965
	CVE-2024-35966
	CVE-2024-35967
	CVE-2024-36968
	CVE-2024-38538
	CVE-2024-38553
	CVE-2024-38602
	CVE-2024-38611
	CVE-2024-38667
	CVE-2024-40910
	CVE-2024-40915
	CVE-2024-40973
	CVE-2024-41071
	CVE-2024-42079
	CVE-2024-42156
	CVE-2024-42158
	CVE-2024-43904
	CVE-2024-44940
	CVE-2024-44942
	CVE-2024-45016
	CVE-2024-50264
	CVE-2024-53057
	CVE-2024-53103
	CVE-2024-53141
	CVE-2024-53164
openjdk-21:	CVE-2024-21208
	CVE-2024-21210
	CVE-2024-21217

Resolved Issue	Issue ID
	CVE-2024-21235
	CVE-2025-21502
openjpeg2:	CVE-2021-29338
	CVE-2021-3575
	CVE-2022-1122
	CVE-2024-56826
	CVE-2024-56827
php8.1:	CVE-2024-11233
	CVE-2024-11234
	CVE-2024-11236
	CVE-2024-8929
	CVE-2024-8932
postgresql-14:	CVE-2024-10976
	CVE-2024-10977
	CVE-2024-10978
	CVE-2024-10979
python2.7:	CVE-2022-48560
	CVE-2022-48565
	CVE-2022-48566
	CVE-2023-24329
	CVE-2023-40217
	CVE-2024-6232
	CVE-2024-6923
python3.10:	CVE-2024-11168
	CVE-2024-9287
rabbitmq-server:	CVE-2023-46118
rsync:	CVE-2024-12084
	CVE-2024-12085
	CVE-2024-12086

Resolved Issue	Issue ID
	CVE-2024-12087
	CVE-2024-12088
	CVE-2024-12747
vim:	CVE-2024-47814
	CVE-2025-22134
	CVE-2025-24014

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 3: General known issues

Known Issue

The `api/audit/sessions` endpoint cannot return fields of complex objects nested in lists.

When the `api/audit/sessions` endpoint receives a query where the `fields` parameter is provided with list type fields, then these fields will be missing from the response, for example: `vault.reviewed.*` and `vault.approved.*`.

Search-based subchapters present some data as missing, regardless of their actual status.

When trying to create a report with subchapters that include the fields listed below, `n/a` will be presented in the report for these fields, even if data is stored in the database for those fields.

Known affected fields:

- Reviewed user id
- Reviewed user name
- Reviewed domain name
- Reviewed user display name
- Reviewed client ip address
- Reviewed comment
- Reviewed timestamp
- Approved user id
- Approved user name

Known Issue

- Approved domain name
- Approved user display name
- Approved client ip address
- Approved comment
- Approved timestamp

TLS version 1.3 is not supported when using the inWebo, Okta or One Identity Starling 2FA plugins. To ensure that TLS 1.2 is used by SPS during negotiation, specify the minimum and maximum TLS version as follows:

- For the minimum TLS version, select TLS version 1.2.
- For the maximum TLS version, select TLS version 1.3.

For more information, see *Verifying certificates with Certificate Authorities using trust stores* in the *Administration Guide*.

The accuracy of replaying audit trails in Asian languages (Traditional Chinese, Korean) has been enhanced. Due to this change, when upgrading SPS to version 6.11.0, all your sessions will be reindexed, and while reindexing is in progress, your sessions on the Search interface are incomplete. For this reason, plan your upgrade to SPS 6.11.0 accordingly.

Report generation may fail if a report subchapter references a connection policy that has been deleted previously.

SPS can create reports giving detailed information about connections of every connection policy. For this, the user can add connection subchapters in the **Report Configuration Wizard**, under **Reporting > Create & Manage Reports**.

For a successful report generation, the referenced connection policy must exist on the appliance. However, when deleting a connection policy that is referenced as a connection subchapter, the user is not warned that the report subchapter must be removed, otherwise the subsequent report generation will fail.

This affects scheduled report generation as well.

Table 4: General known issues

Known Issue	Issue ID
External indexer disconnected due to certificates expiry. You are only affected by this issue if you have enabled external indexing while running SPS version 6.0.4 or 6.4.0 or later where the external indexer certificates were created with a limit of 800 days. To resolve this issue, see External indexer disconnected due to certificates expiry (4368875) (oneidentity.com) .	PAM-16883

Table 5: General known issues

Known Issue	Issue ID
The SPS UI contains a number of links directing to the online documentation. These links need to be updated as they are currently directing to the deprecated documentation portal.	481430
To view the latest SPS documentation, navigate to SPS documentation .	

System requirements

Before installing SPS 8.0.1, ensure that your system meets the following minimum hardware and software requirements.

The One Identity Safeguard for Privileged Sessions Appliance is built specifically for use only with the One Identity Safeguard for Privileged Sessions 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.

For the requirements about installing One Identity Safeguard for Privileged Sessions as a virtual appliance, see one of the following documents:

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](#).

Supported web browsers

Supported web browsers

Starting from version 6.13.0, SPS does not support Internet Explorer 11 (IE11). SPS version 6.12.0 and previous versions continue to support IE11.

Your browser must support:

- TLS-encrypted HTTPS connections with strong cipher algorithms
- JavaScript
- Cookies

SPS supports browsers as listed in the following table.

SPS version	IE11	Google Chrome	Safari	Mozilla Firefox (latest version)	Microsoft EDGE	Microsoft EDGE Legacy
7.4.0	-	✓	✓	✓	✓	-
7.3.0	-	✓	✓	✓	✓	-
7.2.0	-	✓	✓	✓	✓	-
7.1.0	-	✓	✓	✓	✓	-
7.0 LTS	-	✓	✓	✓	✓	-
6.13.0	-	✓	✓	✓	✓	-
6.12.0	✓	✓	✓	✓	✓	-
6.11.0	✓	✓	✓	✓	✓	-
6.10.0	✓	✓	✓	✓	✓	-
6.9.0	✓	✓	✓	✓	✓	-
6.8.0	✓	✓	✓	✓	✓	-

Required applications and plugins

To use SPS, install and enable the following applications and plugins.

NOTE: To replay audit trails with SPS 6.9 or earlier versions with Internet Explorer 11 (IE11), install the Google WebM Video for Microsoft Internet Explorer plugin.

SPS version	JavaScript	Google WebM Video for Microsoft Internet Explorer plugin
7.4.0	✓	-
7.3.0	✓	-
7.2.0	✓	-
7.1.0	✓	-
7.0 LTS	✓	-
6.13.0	✓	-
6.12.0	✓	-
6.11.0	✓	-
6.10.0	✓	-

SPS version	JavaScript	Google WebM Video for Microsoft Internet Explorer plugin
6.9.0	✓	Required for IE11
6.8.0	✓	Required for IE11

Phased out browsers

SPS does not support anymore the browsers listed in the following table.

Browser	Phased out in
IE10	SPS 4 F3
IE9	SPS 4 F3

Starting from version 4 F3, SPS does not support Internet Explorer 9 and 10, because the official support for them ended in January, 2016.

SPS web UI

Opening the web UI of SPS in multiple browser windows or tabs is not supported.

NOTE: The minimum recommended screen resolution for viewing One Identity Safeguard for Privileged Sessions's (SPS's) web interface is 1366 x 768 pixels on a 14-inch widescreen (standard 16:9 ratio) laptop screen. Screen sizes and screen resolutions that are equal to or are above these values will guarantee an optimal display of the web interface.

Safeguard Desktop Player system requirements

The Safeguard Desktop Player application supports the following operating systems:

- **Microsoft Windows:**
 - 64-bit version of Windows 10 (from version 1607)
 - 64-bit version of Windows 11
 - Windows Server 2016 (from version 1607)
 - Windows Server 2019
 - Windows Server 2022

Install the appropriate driver for your graphic card.

- **Linux:**

RHEL 8 or newer. The Safeguard Desktop Player application will probably run on other distributions as well that have at least libc6 version 2.17 installed.

Depending on the distribution, you will need to install the following packages:

- On Debian-based GNU/Linux:
 - libxcb-render-util0
 - libxcb-keysyms1
 - libxcb-image0
 - libxcb-randr0
 - libxcb-xkb1
 - libxcb-xinerama0
 - libxcb-icccm4
- On CentOS/Red Hat:
 - xcb-util-renderutil
 - xcb-util-keysyms
 - xcb-util-image
- **Mac:**
 - macOS macOS Monterey 12, or newer.

To install the Safeguard Desktop Player application, you need about 200MB disk space, and a temporarily used disk space to store the audit trails that are replayed. The size of the temporary files depends on the size of the replayed audit trails.

You can install the Safeguard Desktop Player application with user privileges.

Hardware specifications

One Identity Safeguard for Privileged Sessions appliances are built on high performance, energy efficient, and reliable hardware that are easily mounted into standard rack mounts.

Table 6: Hardware specifications

Product	Redundant PSU	Processor	Memory	Capacity	RAID	IPMI
Safeguard Sessions Appliance 3000	Yes	1x Intel Xeon E3-1275 v6 3.80GHz	2 x 16 GB	4x2 TB NLSAS	LSI MegaRAID SAS 9361-4i Single	Yes
Safeguard Sessions Appliance	Yes	2x Intel Xeon Silver 4110	8 x 8 GB	9x2 TB NLSAS	1 x Broadcom	Yes

Product	Redundant PSU	Processor	Memory	Capacity	RAID	IPMI
3500		2.1GHz			MegaRAID SAS 9361-16i + LSI Avago CacheVault Power Module 02 (CVPM02) Kit	
Safeguard Sessions Appliance 4000	Yes	1 x Intel Xeon Silver ICX 4310T @ 2.30GHz, 10C/20T	8 x 8 GB	4x20 TB SAS/SATA	1 x Broadcom 9560-8i RAID controller 1 x Broadcom CacheVault battery	Yes

The Safeguard Sessions Appliance 3500 is equipped with a dual-port 10Gbit interface. This interface has SFP+ connectors (not RJ-45) labeled 5 and 6, and can be found right of the Label 1 and 2 Ethernet interfaces. If you want faster communication, for example, in case of high data load, you can connect up to two 10Gbit network cards. These cards are not shipped with the original package and have to be purchased separately.

Product licensing

⚠ CAUTION:

From SPS 8.0.1, SPS requires a new license. To avoid possible downtimes due to certain features not being available, before starting the upgrade, ensure that you have a valid SPS license for 8.0.1.

Upgrade as follows

1. Perform the upgrade to 8.0.1 with your current license.
2. Update your SPS license to 8.0.1.

For a new SPS license for 8.0.1, contact our [Licensing Team](#).

To enable a trial license

1. Visit the [Download Trials page](#), and navigate to **One Identity Safeguard for Privileged Sessions > Download Free trial**.
2. Complete the registration form, and click **Download Trial**.
3. You will receive the details on how to access your license key and the download the ISO files in email.

To enable a purchased commercial license

1. Navigate to **My Account > My License Assets** on the support portal.
2. To access your license key, click **Retrieve Key** next to your product.
3. Once you have the license keys, navigate to **My Account > My Products** and click **Download** next to your product. The **Download Software** page is displayed.
4. Download the ISO image (install cdrom) of your product.

If you need help with accessing your license, navigate to the [Licensing Assistance](#) page, and follow the instructions on screen.

Upgrade and installation instructions

The One Identity Safeguard for Privileged Sessions appliance is built specifically for use only with the One Identity Safeguard for Privileged Sessions software that is already installed and ready for immediate use.

To upgrade to One Identity Safeguard for Privileged Sessions 8.0.1 LTS

For step-by-step instructions on upgrading to SPS 8.0.1 LTS, see *Upgrade Guide*.

NOTE: Due to legal reasons, installation packages of the external indexer application will be available only from the SPS web interface. After SPS versions 6.4 and 6.0.3 are released, the installation packages will be removed from our website.

CAUTION:

Starting from 6.10.0, SPS (SPS) has changed to hardened SSL settings. As a result, during TLS session establishment, the following items are not considered secure:

- Private keys and X.509 certificates having RSA or DSA keys shorter than 2048 bits, or ECC keys shorter than 224 bits.
- Certificates (other than Root CA certificates) with signatures that use the SHA-1 or the MD5 hashing algorithm.

With the hardened SSL settings, SPS will not connect to remote systems that are protected with weak certificates.

You cannot upgrade SPS if your configuration contains insecure certificates, keys or certificate chains in any of the following sections:

- SPS web interface
- internal CA certificate
- connection policy TLS settings
- client X.509 credentials for external LDAP, SMTP or Syslog connections
- server X.509 certificates for external SMTP or Splunk servers
- external indexer credentials (only writable over the REST API)
- CA certificates in Trusted CA Lists and Trust Stores

Note that the certificates and keys that are used for signing, timestamping, encryption or decryption are not affected by this change.

About feature releases

This is a feature release.

For more information on the product support, see [Product Support - One Identity Safeguard for Privileged Sessions](#).

For a full description of long-term-supported and feature releases, see [Product Life Cycle & Policies - One Identity Safeguard for Privileged Sessions](#).

If you have a physical appliance based on MBX hardware

One Identity recommends you to upgrade to SPS 8.0.1 LTS, if you are not running SPS on Pyramid hardware and any of the following is true:

NOTE: If you do not know the type of your hardware, see [If you have a physical appliance based on Pyramid hardware](#).

- You wish to take advantage of any of the new features.
- You are running a previous feature release.
- You are OK with having to continuously upgrade to the latest feature release to

remain supported.

We are releasing new feature releases approximately once every 2 months.

If you have a physical appliance based on Pyramid hardware

Do NOT upgrade to SPS 8.0.1 LTS if you are running SPS on Pyramid hardware:

Downgrading from a feature release

Do NOT downgrade from a feature release.

CAUTION:

Downgrading from a feature release is not supported. If you upgrade from an LTS release (for example, 4.0) to a feature release (4.1), you have to keep upgrading with each new feature release until the next LTS version (in this case, 5.0) is published.

Verify successful installation

Navigate to **Basic Settings > System > Version details** and verify that SPS is running version 8.0.1 LTS of the firmware. If not, it means that the upgrade process did not complete properly and SPS performed a rollback to revert to the earlier firmware version. In this case, complete the following steps:

1. Navigate to **Basic Settings > Troubleshooting > Create support bundle** and click **Create support bundle**.
2. Save the resulting ZIP file.
3. contact our Support Team and send them the file. They will analyze its contents to determine why the upgrade was not completed and assist you in solving the problem.

More resources

To obtain more information, read the technical documentation or consult the community:

- [One Identity Safeguard for Privileged Sessions - Technical Documentation](#)
- [One Identity Community](#)

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

This release has the following known capabilities or limitations: OCR is limited to Nuance supported languages. No support for RTL languages.

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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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Section 6

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- c. Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in [Subsection 6a](#), above, for a charge no more than the cost of performing this distribution.
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