

# One Identity Safeguard for Privileged Sessions 7.0.4 LTS

## Release Notes

**03 October 2023, 15:19**

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

## About this release

One Identity Safeguard for Privileged Sessions Version 7.0.4 LTS is a maintenance release with resolved issues. For details, see:

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

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

## 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, 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.

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 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.

# Resolved issues

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

**Table 1: General resolved issues in release 7.0.4 LTS**

Resolved Issue	Issue ID
Fixed to be able to build baselines for more than 10,000 users.	424024
The local SSH of SPS and the root password of the local SSH of SPS could be configured on the REST API in sealed mode. The configuration issue is solved and local SSH and root password cannot be configured in sealed mode.	340251
Fixed this issue: Login page local login modal backdrop displayed incorrectly on slow internet.	392712
Now it is possible to remove bind DN value in LDAP management.	403955
Fixing required space calculation in upgrade precheck. Until now the upgrade precheck process did not calculate the required space properly. Now this problem has been fixed.	406696
During a firmware upgrade or when importing an older configuration bundle, a computationally expensive validation rule was evaluated multiple times. With sufficiently complex configuration, this could make the process run long enough to exceed the maximum execution time of the server side request handler of the web user interface, making the operation fail. This expensive validation is now performed only once, so that validating a complex configuration during a firmware upgrade or a configuration import will not exceed the execution time limit.	413675
When the user created a new custom report, the actions were available behind the "Create report" button before the changes were committed on the Reporting -> Create and Manage Reports UI. This issue has been fixed.	416981
RDP connections initiated on Mac OS with Microsoft Remote Desktop App 10.8.2 or later failed. Microsoft Remote Desktop App 10.8.2 enabled a new undocumented protocol feature which was not handled by SPS, causing RDP connections to fail. This has been fixed, SPS now properly recognizes and disables this feature.	417054
When an SPS instance was first launched in AWS EC2, the bootstrap system could occasionally fail. In this case the customer would experience Connection Refused indefinitely when they tried to connect to the freshly	421194

Resolved Issue	Issue ID
provisioned instance via HTTPS. This unreliability was fixed to stabilize the bootstrap procedure.	
Documentation links in the upgrade notes were not resolvable. When the upgrade notes of a specific firmware version was displayed, the links to the Upgrade Guide and the Release Notes were incorrect. The documentation site was updated to provide contents for the past versions as well.	422264
In Windows Azure environment the SPS console could report failed network services due to an interaction between its networking setup and the Azure guest agent. The SPS networking system was enhanced to tolerate such external changes.	414452
When SPP and SPS are linked together, SPS needs to maintain an up-to-date list of the members of the SPP cluster. This list was periodically queried, but only from the primary node of the SPP cluster. This has been changed so that when the primary SPP node is unreachable for SPS, then SPS will attempt to query the SPP cluster members from the other nodes of the SPP cluster, based on the last known set of SPP cluster members.	414457
Early disconnections might cause all RDP connections to terminate when RDG is configured. When SPS was configured to act as a Remote Desktop Gateway and the client disconnected in the early stages of the connection, all RDP connections could be terminated. In this case a core file was generated and a backtrace was written to the system log alongside with the following line: "Timer expired; description='I/O timeout'". This issue is fixed now.	411111
The following bug in SPS prior to 7.3.0 was only possible via the SPS REST API. If a user sent a POST request to the following endpoint <code>https://SPS_IP/api/configuration/reporting/restbased_subchapters</code> and created a <code>restbased_subchapter</code> that contained a field with a date type in its "fields" value list. As of SPS 7.3.0, the bug could also be triggered on the SPS UI, under the Reporting > Create & Manage Reports menu item, if a user created a Search-Based subchapter that contained a column that was of type date by pressing the View & edit subchapters button. The bug could be found in the generated report if a field of a date type in a session in the report did not have a value, and instead of the expected "n/a", a blank text ("") was displayed. This has been fixed so that if a report contains a search-based subchapter (referred as REST-based subchapter on the REST API) that contains a	412721

Resolved Issue	Issue ID
session field of type date and the generated report includes a session that does not contain a value for that date field, the report will contain "n/a" for the field value.	
When the user only added or deleted a certificate to a trust store, these actions did not enable the Save button. This issue has been fixed.	340419
Missing name validation for creating or editing LDAP servers. A unique name validator has added to LDAP server name field to help the user choose an unused one.	340503
Added an Enter key handler to LDAP server shared secret dialog.	340505
When there was an exact match in the list, it could happen that the result was displayed at the end of the list, which means the user was not able to see it immediately if the list was too large and scrollable. This issue has been fixed.	340507
User Preferences -> Search page settings -> Automatic refresh toggle did not affect the Search page background data refreshing. This issue has been fixed.	340519
EU data house is available for starling, but the UI showed that it is not yet supported. This issue has been fixed.	340520
When you create a report for a fixed time frame or a custom time frame, the page shows you the redirection suggestion popup instead of auto redirecting, and it does not redirect you now if there is an error during a custom time framed report creation.	340540
From now on, the online video player will stop when the user presses the forward seek button. This was implemented to make going forward the same as going backwards in the videos.	340542
The "read the release notes" link on the "About" side sheet led to an old page. This link is now fixed and navigates the user to the correct page.	386176
The query of a content based subchapter no longer excepts unpaired double quotes in search words, since it causes an internal error. This fact is also represented in the REST schema of the content subchapter endpoint.	387790
Pagination range was incorrect on the last page when it had 10.000 or more sessions. This issue has been fixed.	422663
RDP protocol negotiation on Windows 11 with Remote Desktop 10.0.22621 fails.  In Windows 11 version 22H2, RDP protocol negotiation has been changed, and now it allows skipping the initial channel join messages. This was not handled by SPS, causing RDP connections fail to start.	425560

Resolved Issue	Issue ID
This has been fixed, SPS now supports RDP channel join skipping.	
When creating a new content subchapter on SPS UI under Reporting > Create & Manage Reports and the user had content subchapters using a protocol connection policy filter without having access to the particular protocol's Connections menupoint, SPS returned a "403 Forbidden: The client is not authorized to access the given resource." error. Furthermore, when the user wanted to create a new content subchapter with a protocol connection policy filter, SPS also responded with the previous error and the subchapter could not be created.	425741
This issue has been fixed so the protocol connection policy filter works as expected without access to protocol Connections menupoints.	

**Table 2: Resolved Common Vulnerabilities and Exposures (CVE) in release 7.0.4 LTS**

Resolved Issue	Issue ID
avahi:	CVE-2023-1981
bind9:	CVE-2023-2828
cups:	CVE-2023-32324
	CVE-2023-34241
curl:	CVE-2023-28321
	CVE-2023-28322
glib2.0:	CVE-2023-24593
	CVE-2023-25180
	CVE-2023-29499
	CVE-2023-32611
	CVE-2023-32636
	CVE-2023-32643
	CVE-2023-32665
libcap2:	CVE-2023-2602
	CVE-2023-2603
libssh:	CVE-2023-1667
	CVE-2023-2283

Resolved Issue	Issue ID
libx11:	CVE-2023-3138
linux:	CVE-2020-36691
	CVE-2022-0168
	CVE-2022-1184
	CVE-2022-27672
	CVE-2022-4269
	CVE-2023-0461
	CVE-2023-1075
	CVE-2023-1118
	CVE-2023-1380
	CVE-2023-1611
	CVE-2023-1670
	CVE-2023-1859
	CVE-2023-2124
	CVE-2023-2612
	CVE-2023-30456
	CVE-2023-3090
	CVE-2023-3111
	CVE-2023-3141
	CVE-2023-31436
	CVE-2023-32233
	CVE-2023-32629
	CVE-2023-3390
	CVE-2023-35001
ncurses:	CVE-2021-39537
	CVE-2022-29458
	CVE-2023-29491
nghttp2:	CVE-2020-11080

Resolved Issue	Issue ID
open-vm-tools:	CVE-2023-20867
openjdk-lts:	CVE-2023-22006
	CVE-2023-22036
	CVE-2023-22041
	CVE-2023-22045
	CVE-2023-22049
	CVE-2023-25193
openssh:	CVE-2020-14145
	CVE-2023-38408
openssl:	CVE-2022-4304
	CVE-2023-2650
perl:	CVE-2023-31484
php7.4:	CVE-2023-3247
postgresql-12:	CVE-2023-2454
	CVE-2023-2455
	CVE-2023-39417
python3.8:	CVE-2023-24329
requests:	CVE-2023-32681
samba:	CVE-2022-2127
	CVE-2023-34966
	CVE-2023-34967
	CVE-2023-34968
sysstat:	CVE-2023-33204
tiff:	CVE-2022-48281
	CVE-2023-25433
	CVE-2023-26965
	CVE-2023-26966
	CVE-2023-2908



Resolved Issue	Issue ID
	CVE-2023-3316
	CVE-2023-3618
	CVE-2023-38288
	CVE-2023-38289
vim:	CVE-2022-2208
	CVE-2022-2210
	CVE-2022-2257
	CVE-2022-2264
	CVE-2022-2284
	CVE-2022-2285
	CVE-2022-2286
	CVE-2022-2287
	CVE-2022-2289
	CVE-2022-2598
	CVE-2022-3016
	CVE-2022-3037
	CVE-2022-3099
	CVE-2023-2609
	CVE-2023-2610

## 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
<div>  <b>CAUTION:</b> </div> <p>After upgrading to version 7.0 LTS, SPS requires a new license. To avoid</p>

## Known Issue

possible downtimes due to certain features not being available, before starting the upgrade, ensure that you have a valid SPS license for 7.0 LTS.

Upgrade as follows:

1. Perform the upgrade to 7.0 LTS with your current license.
2. Update your SPS license to 7.0 LTS.

For a new SPS license for 7.0 LTS, contact our Licensing Team.

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 .

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 <a href="#">External indexer disconnected due to certificates expiry (4368875) (oneidentity.com)</a> .	PAM-16883

# System requirements

Before installing SPS 7.0.4 LTS, 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. Please consult [One Identity's Product Support Policies](#) for more information on environment virtualization.

## Supported web browsers and operating systems

### ⚠ CAUTION:

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

From SPS version 6.10, the Google WebM Video for Microsoft Internet Explorer plugin is not required for replaying audit trails in your browser. The supported browsers are:

- Google Chrome
- Firefox
- Safari
- Internet Explorer 11 (IE11) - supported until SPS version 6.12.0

For SPS version 6.9 and earlier versions, even though the One Identity Safeguard for Privileged Sessions (SPS) web interface supports Internet Explorer and Microsoft Edge in general, to replay audit trails, you need to use Internet Explorer 11, and install the [Google WebM Video for Microsoft Internet Explorer plugin](#).

If you cannot install Internet Explorer 11 or another supported browser on your computer, use the the Safeguard Desktop Player application. For details, see [and](#) .

**CAUTION:**

**SPS version 4 F3 and later versions do not support Internet Explorer 9 (IE9) and Internet Explorer 10 (IE10), as the official support of IE9 and IE10 ended in January, 2016.**

**NOTE:** SPS displays a warning message if your browser is not supported or JavaScript is disabled.

**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.

## Supported browsers

The following browsers are supported:

- Mozilla Firefox (the latest version)
- Google Chrome
- Microsoft Edge (Microsoft Edge Legacy is not supported)

The browser must support TLS-encrypted HTTPS connections, JavaScript, and cookies. Make sure that both JavaScript and cookies are enabled.

The SPS web interface can be accessed only using TLS-encryption and strong cipher algorithms.

Opening the web interface in multiple browser windows or tabs is not supported.

## Supported operating systems

The following operating systems are supported:

- Windows 2008 Server
- Windows 2012 Server
- Windows 2012 R2 Server
- Windows 2016
- Windows 7
- Windows 8
- Windows 8.1
- Windows 10
- Linux

# Safeguard Desktop Player system requirements

The Safeguard Desktop Player application supports the following operating systems:

- **Microsoft Windows:**

64-bit version of Windows 7 or newer. Install the appropriate driver for your graphic card.

- **Linux:**

RHEL 7, CentOS 7, 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 Catalina 10.15, 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 5: Hardware specifications**

<b>Product</b>	<b>Redundant PSU</b>	<b>Processor</b>	<b>Memory</b>	<b>Capacity</b>	<b>RAID</b>	<b>IPMI</b>
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 3500	Yes	2x Intel Xeon Silver 4110 2.1GHz	8 x 8 GB	9x2 TB NLSAS	1 x Broadcom MegaRAID SAS 9361-16i + LSI Avago CacheVault Power Module 02 (CVPM02) Kit	Yes
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

### *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 7.0.4 LTS**

For step-by-step instructions on upgrading to SPS 7.0.4 LTS, see .

**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 LTS releases

This is a long-term-supported (LTS) 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 7.0.4 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 running a previous long-term-supported release.



## If you have a physical appliance based on Pyramid hardware

Do NOT upgrade to SPS 7.0.4 LTS if you are running SPS on Pyramid hardware:

## Verify successful installation

Navigate to **Basic Settings > System > Version details** and verify that SPS is running version 7.0.4 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.

## 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.

## Contacting us

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

## 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](http://www.YouTube.com/OneIdentity)
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product

## Third-party contributions

This appendix includes the open source licenses and attributions applicable to One Identity Safeguard for Privileged Sessions.

# GNU General Public License

Version 2, June 1991

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Version 2, June 1991

## Preamble

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### Section 1

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