

One Identity Safeguard for Privileged Sessions 6.9.5

Release Notes

08 March 2023, 10:06

These release notes provide information about the One Identity Safeguard for Privileged Sessions 6.9.5 release.

About this release

One Identity Safeguard for Privileged Sessions Version 6.9.5 is a release with resolved issues. For details, see:

- Resolved issues
- Known issues

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.

Deprecated features

The Splunk forwarder is deprecated



The Splunk forwarder is deprecated as of Safeguard for Privileged Sessions(SPS) 6.7 and will be removed in an upcoming release. One Identity recommends using the universal SIEM forwarder instead.

Content policy biometrics are deprecated

- **Pointing device biometrics DEPRECATED**: This feature is deprecated. Use the same option in Indexer Policies instead.
- **Typing biometrics DEPRECATED**: This feature is deprecated. Use the same option in Indexer Policies instead.

Arguments of Authentication and Authorization and Credential Store plugins that begin with target_ have been deprecated

These arguments were deprecated because the target_host or target_server arguments either contained a hostname or an IP address.

Now, new arguments have been added to the Authentication and Authorization and Credential Store plugins to replace deprecated arguments. The new argument names explicitely define the values they contain. That is, a server_ip argument will always contain an IP address, and a server_hostname argument will always contain a hostname.

The deprecated arguments are the following:

Authentication and Authorization plugin: get_password_list and get_private_key_list input arguments:

- target_username
- target_host
- target_port
- target_domain

Credential Store plugin: authorize method:

- target_server
- target_port
- target_username

Resolved issues

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

Table 1: General resolved issues in release 6.9.5

Resolved Issue	Issue ID
Large number of gateway authentications might cause all connections to	340554



terminate.

In some cases, after a very large number of gateway authentication, all connections of the affected protocol could terminate due to a double-free issue. In these cases, a core file was also generated, and a stackdump was written to the system log. The issue primarily affected HTTP connections, and, to a smaller degree, RDP connections where SPS was acting as a Remote Desktop Gateway. This issue has been fixed.

Resolved Issue	Issue ID
avahi:	CVE-2021-3468
bash:	CVE-2019-18276
bind9	CVE-2021-25214
	CVE-2021-25215
	CVE-2021-25216
	CVE-2021-25219
	CVE-2021-25220
	CVE-2022-2795
	CVE-2022-38177
	CVE-2022-38178
busybox:	CVE-2021-28831
	CVE-2021-42374
	CVE-2021-42378
	CVE-2021-42379
	CVE-2021-42380
	CVE-2021-42381
	CVE-2021-42382
	CVE-2021-42384
	CVE-2021-42385
	CVE-2021-42386
cifs-utils:	CVE-2020-14342
	CVE-2021-20208



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Resolved Issue	Issue ID
	CVE-2022-27239
	CVE-2022-29869
cloud-init:	CVE-2022-2084
cpio:	CVE-2021-38185
cron:	CVE-2017-9525
	CVE-2019-9704
	CVE-2019-9705
	CVE-2019-9706
cups:	CVE-2019-8842
	CVE-2020-10001
	CVE-2022-26691
curl:	CVE-2021-22876
	CVE-2021-22898
	CVE-2021-22924
	CVE-2021-22925
	CVE-2021-22946
	CVE-2021-22947
	CVE-2022-22576
	CVE-2022-27774
	CVE-2022-27775
	CVE-2022-27776
	CVE-2022-27781
	CVE-2022-27782
	CVE-2022-32206
	CVE-2022-32208
	CVE-2022-32221
	CVE-2022-35252
	CVE-2022-43552
	CVE-2023-23916



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cyrus-sasl2:CVE-2022-24407dbus:CVE-20235512dbus:CVE-2022-42010CVE-2022-42011CVE-2022-42012dpkg:CVE-2022-1664e2fsprogs:CVE-2022-1304expat:CVE-2021-45960CVE-2021-45960CVE-2022-22822CVE-2021-45960CVE-2022-22823CVE-2022-22823CVE-2022-22823CVE-2022-22824CVE-2022-22824CVE-2022-22825CVE-2022-22826CVE-2022-22826CVE-2022-22826CVE-2022-22827CVE-2022-22827CVE-2022-22826CVE-2022-23852CVE-2022-23852CVE-2022-23852CVE-2022-25313CVE-2022-25313CVE-2022-25314CVE-2022-25314CVE-2022-25315CVE-2022-243680fmpeg:CVE-2022-43680fmpeg:CVE-2022-0445CVE-2022-20445CVE-2022-20445CVE-2022-20445CVE-2022-20445	Resolved Issue	Issue ID
CVE-2022-42010CVE-2022-42011CVE-2022-42012dpkg:CVE-2022-42012ezfsprogs:CVE-2022-1664expat:CVE-2021-45960CVE-2021-46143CVE-2022-22822CVE-2022-22822CVE-2022-22823CVE-2022-22823CVE-2022-22824CVE-2022-22824CVE-2022-22825CVE-2022-22825CVE-2022-22827CVE-2022-22827CVE-2022-23852CVE-2022-23852CVE-2022-23852CVE-2022-25315CVE-2022-25314CVE-2022-25315CVE-2022-25315CVE-2022-25315CVE-2022-25315fmpeg:CVE-2022-43680fmpeg:CVE-2022-2446CVE-2022-2446CVE-2022-2446CVE-2022-2446CVE-2022-2446	cyrus-sasl2:	CVE-2022-24407
CVE-2022-42011QVE-2022-42012dpkg:CVE-2022-42012e2fsprogs:CVE-2022-1664expat:CVE-2021-45960CVE-2021-46143CVE-2022-2822CVE-2022-2822CVE-2022-2823CVE-2022-2823CVE-2022-2824CVE-2022-2824CVE-2022-2825CVE-2022-2825CVE-2022-2826CVE-2022-2826CVE-2022-2827CVE-2022-2827CVE-2022-2827CVE-2022-2828CVE-2022-2827CVE-2022-2827CVE-2022-2827CVE-2022-2825CVE-2022-2827CVE-2022-2825CVE-2022-2828CVE-2022-2825CVE-2022-2835CVE-2022-2531CVE-2022-2531CVE-2022-25314CVE-2022-40674Fmpeg:CVE-2022-20445fmpeg:CVE-2022-20445CVE-2022-20446CVE-2022-20445	dbus:	CVE-2020-35512
CVE-2022-42012dpkg:CVE-2022-1664e2fsprogs:CVE-2022-1304expat:CVE-2021-45960CVE-2021-46143CVE-2022-22822CVE-2022-22823CVE-2022-22823CVE-2022-22824CVECVE-2022-22824CVECVE-2022-22825CVECVE-2022-22826CVECVE-2022-22827CVECVE-2022-22827CVECVE-2022-22827CVECVE-2022-23852CVECVE-2022-23852CVECVE-2022-2535CVECVE-2022-2535CVECVE-2022-25314CVECVE-2022-40674CVE-2022-40674fmpeg:CVE-2022-20445fmpeg:CVE-2022-20445CVE-2022-20445CVE-2022-20445CVE-2022-20445CVE-2022-20445		CVE-2022-42010
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e2fsprogs: CVE-2022-1304 expat: CVE-2021-45960 CVE-2021-46143 CVE-2022-22822 CVE-2022-22822 CVE-2022-22823 CVE-2022-22824 CVE-2022-22824 CVE-2022-22825 CVE-2022-22825 CVE-2022-22826 CVE-2022-22827 CVE-2022-22827 CVE-2022-23852 CVE-2022-23852 CVE-2022-23852 CVE-2022-23990 CVE-2022-23990 CVE-2022-25313 CVE-2022-25313 CVE-2022-25314 CVE-2022-25314 CVE-2022-25315 CVE-2022-40674 CVE-2022-40674 CVE-2022-40674 ffmpeg: CVE-2022-0445 CVE-2020-20445 CVE-2020-20445		CVE-2022-42012
expat: CVE-2021-45960 CVE-2021-46143 CVE-2022-2822 CVE-2022-22822 CVE-2022-2823 CVE-2022-22823 CVE-2022-2824 CVE-2022-22825 CVE-2022-2825 CVE-2022-22826 CVE-2022-2827 CVE-2022-23852 CVE-2022-23852 CVE-2022-23852 CVE-2022-23852 CVE-2022-23852 CVE-2022-23852 CVE-2022-2535 CVE-2022-2535 CVE-2022-25314 CVE-2022-25314 CVE-2022-25315 CVE-2022-40674 CVE-2022-40674 CVE-2022-40674 ffmpeg: CVE-2020-20445 CVE-2020-20445 CVE-2020-20445 CVE-2020-20453 CVE-2020-20453	dpkg:	CVE-2022-1664
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CVE-2022-22822 CVE-2022-22823 CVE-2022-22824 CVE-2022-22824 CVE-2022-22825 CVE-2022-22826 CVE-2022-22827 CVE-2022-23852 CVE-2022-23852 CVE-2022-23852 CVE-2022-23852 CVE-2022-23852 CVE-2022-23852 CVE-2022-23852 CVE-2022-2535 CVE-2022-25313 CVE-2022-25314 CVE-2022-40674 CVE-2022-40674 ffmpeg: CVE-2022-20445 CVE-2020-20445 CVE-2020-20445 CVE-2020-20453 CVE-2020-20453	expat:	CVE-2021-45960
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CVE-2022-22824 CVE-2022-22825 CVE-2022-22826 CVE-2022-22827 CVE-2022-23852 CVE-2022-23852 CVE-2022-23852 CVE-2022-23990 CVE-2022-25236 CVE-2022-25236 CVE-2022-25236 CVE-2022-25236 CVE-2022-25313 CVE-2022-25314 CVE-2022-25315 CVE-2022-40674 CVE-2022-40674 Minpeg: CVE-2022-243680 CVE-2020-20446 CVE-2020-20446 CVE-2020-20453		CVE-2022-22822
CVE-2022-22825 CVE-2022-22826 CVE-2022-22827 CVE-2022-23852 CVE-2022-23852 CVE-2022-23990 CVE-2022-25236 CVE-2022-25236 CVE-2022-25236 CVE-2022-25313 CVE-2022-25314 CVE-2022-25315 CVE-2022-40674 CVE-2022-40674 ffmpeg: CVE-2022-243680 CVE-2020-20445 CVE-2020-20446 CVE-2020-20446 CVE-2020-20446		CVE-2022-22823
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CVE-2022-22827 CVE-2022-23852 CVE-2022-23990 CVE-2022-25235 CVE-2022-25236 CVE-2022-25313 CVE-2022-25314 CVE-2022-25315 CVE-2022-40674 CVE-2022-43680 ffmpeg: CVE-2020-20445 CVE-2020-20445 CVE-2020-20445 CVE-2020-20445 CVE-2020-20445 CVE-2020-20445 CVE-2020-20445 CVE-2020-20445		CVE-2022-22825
CVE-2022-23852 CVE-2022-23990 CVE-2022-25235 CVE-2022-25236 CVE-2022-25313 CVE-2022-25314 CVE-2022-25315 CVE-2022-40674 CVE-2022-43680 ffmpeg: CVE-2022-20445 CVE-2022-20445 CVE-2022-20445		CVE-2022-22826
CVE-2022-23990 CVE-2022-25235 CVE-2022-25236 CVE-2022-25313 CVE-2022-25314 CVE-2022-25315 CVE-2022-40674 CVE-2022-43680 ffmpeg: CVE-2022-20445 CVE-2022-20445 CVE-2022-20446 CVE-2022-20445		CVE-2022-22827
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CVE-2022-25313 CVE-2022-25314 CVE-2022-25315 CVE-2022-40674 CVE-2022-43680 ffmpeg: CVE-2020-20445 CVE-2020-20446 CVE-2020-20445 CVE-2020-20445 CVE-2020-20445 CVE-2020-20445 CVE-2020-20445		CVE-2022-25235
CVE-2022-25314 CVE-2022-25315 CVE-2022-40674 CVE-2022-43680 ffmpeg: CVE-2020-20445 CVE-2020-20446 CVE-2020-20446 CVE-2020-20453 CVE-2020-20453		CVE-2022-25236
CVE-2022-25315 CVE-2022-40674 CVE-2022-43680 ffmpeg: CVE-2020-20445 CVE-2020-20446 CVE-2020-20453 CVE-2020-20453		CVE-2022-25313
CVE-2022-40674 CVE-2022-43680 ffmpeg: CVE-2020-20445 CVE-2020-20446 CVE-2020-20446 CVE-2020-20453 CVE-2020-20453		CVE-2022-25314
CVE-2022-43680 ffmpeg: CVE-2020-20445 CVE-2020-20446 CVE-2020-20453 CVE-2020-20453 CVE-2020-21041		CVE-2022-25315
ffmpeg: CVE-2020-20445 CVE-2020-20446 CVE-2020-20453 CVE-2020-20453 CVE-2020-21041		CVE-2022-40674
CVE-2020-20446 CVE-2020-20453 CVE-2020-21041		CVE-2022-43680
CVE-2020-20453 CVE-2020-21041	ffmpeg:	CVE-2020-20445
CVE-2020-21041		CVE-2020-20446
		CVE-2020-20453
CVE-2020-21688		CVE-2020-21041
		CVE-2020-21688



Resolved Issue	Issue ID
	CVE-2020-21697
	CVE-2020-22015
	CVE-2020-22016
	CVE-2020-22017
	CVE-2020-22019
	CVE-2020-22020
	CVE-2020-22021
	CVE-2020-22022
	CVE-2020-22023
	CVE-2020-22025
	CVE-2020-22026
	CVE-2020-22028
	CVE-2020-22031
	CVE-2020-22032
	CVE-2020-22033
	CVE-2020-22034
	CVE-2020-22036
	CVE-2020-22037
	CVE-2020-22042
	CVE-2020-35965
	CVE-2021-38114
	CVE-2021-38171
	CVE-2021-38291
freetype:	CVE-2022-27404
	CVE-2022-27405
	CVE-2022-27406
	CVE-2022-31782
glib2.0:	CVE-2021-2721
	CVE-2021-27218



Resolved Issue	Issue ID
	CVE-2021-27219
	CVE-2021-28153
	CVE-2021-3800
glibc:	CVE-2016-10228
	CVE-2019-25013
	CVE-2020-27618
	CVE-2020-29562
	CVE-2020-6096
	CVE-2021-3326
	CVE-2021-35942
	CVE-2021-3999
	CVE-2022-23218
	CVE-2022-23219
gmp:	CVE-2021-43618
gnupg2:	CVE-2019-13050
	CVE-2022-34903
gnutls28:	CVE-2021-4209
	CVE-2022-2509
gzip:	CVE-2022-1271
heimdal:	CVE-2018-16860
	CVE-2019-12098
	CVE-2021-3671
	CVE-2021-44758
	CVE-2022-3116
	CVE-2022-3437
	CVE-2022-41916
	CVE-2022-42898
	CVE-2022-44640
	CVE-2022-45142



Resolved Issue	Issue ID
icu:	CVE-2020-21913
isc-dhcp:	CVE-2021-25217
	CVE-2022-2928
	CVE-2022-2929
jbigkit:	CVE-2017-9937
klibc:	CVE-2021-31870
	CVE-2021-31871
	CVE-2021-31872
	CVE-2021-31873
krb5:	CVE-2018-20217
	CVE-2022-42898
ldb:	CVE-2020-27840
	CVE-2021-20277
libdbi-perl:	CVE-2014-10402
	CVE-2020-14393
libgcrypt20:	CVE-2021-33560
	CVE-2021-40528
libgd2:	CVE-2017-6363
	CVE-2021-38115
	CVE-2021-40145
libice:	CVE-2017-2626
libinput:	CVE-2022-1215
libjpeg-turbo:	CVE-2018-11813
	CVE-2020-17541
	CVE-2020-35538
libksba:	CVE-2022-3515
	CVE-2022-47629
libsepol:	CVE-2021-36084
	CVE-2021-36085



Issue ID
CVE-2021-36086
CVE-2021-36087
CVE-2018-25009
CVE-2018-25010
CVE-2018-25011
CVE-2018-25012
CVE-2018-25013
CVE-2018-25014
CVE-2020-36328
CVE-2020-36329
CVE-2020-36330
CVE-2020-36331
CVE-2020-36332
CVE-2021-31535
CVE-2016-3709
CVE-2017-8872
CVE-2019-20388
CVE-2020-24977
CVE-2021-3516
CVE-2021-3517
CVE-2021-3518
CVE-2021-3537
CVE-2022-2309
CVE-2022-23308
CVE-2022-29824
CVE-2022-40303
CVE-2022-40304
CVE-2022-44617
CVE-2022-46285



Resolved Issue	Issue ID
	CVE-2022-4883
libxslt:	CVE-2019-5815
	CVE-2021-30560
libzstd:	CVE-2021-24031
	CVE-2021-24032
linux:	CVE-2018-13095
	CVE-2018-25020
	CVE-2019-19036
	CVE-2019-19449
	CVE-2020-24587
	CVE-2020-27170
	CVE-2020-27171
	CVE-2020-36322
	CVE-2020-36385
	CVE-2021-20292
	CVE-2021-23133
	CVE-2021-26401
	CVE-2021-27363
	CVE-2021-27364
	CVE-2021-27365
	CVE-2021-28688
	CVE-2021-28950
	CVE-2021-29154
	CVE-2021-29264
	CVE-2021-29265
	CVE-2021-29650
	CVE-2021-33200
	CVE-2021-3348
	CVE-2021-33655



Resolved Issue	Issue ID
	CVE-2021-33656
	CVE-2021-33909
	CVE-2021-3444
	CVE-2021-3506
	CVE-2021-3600
	CVE-2021-3653
	CVE-2021-3656
	CVE-2021-3759
	CVE-2021-38199
	CVE-2021-4002
	CVE-2021-40490
	CVE-2021-4083
	CVE-2021-4155
	CVE-2021-43975
	CVE-2022-0001
	CVE-2022-0330
	CVE-2022-0435
	CVE-2022-0492
	CVE-2022-0847
	CVE-2022-1419
	CVE-2022-1652
	CVE-2022-1679
	CVE-2022-1734
	CVE-2022-1966
	CVE-2022-21123
	CVE-2022-21125
	CVE-2022-21166
	CVE-2022-21499
	CVE-2022-22942



Resolved Issue	Issue ID
	CVE-2022-2586
	CVE-2022-2588
	CVE-2022-26490
	CVE-2022-2663
	CVE-2022-27223
	CVE-2022-27666
	CVE-2022-28388
	CVE-2022-28390
	CVE-2022-29581
	CVE-2022-2978
	CVE-2022-3028
	CVE-2022-3061
	CVE-2022-3239
	CVE-2022-34918
	CVE-2022-3524
	CVE-2022-3545
	CVE-2022-3564
	CVE-2022-3565
	CVE-2022-3566
	CVE-2022-3567
	CVE-2022-3594
	CVE-2022-3621
	CVE-2022-3628
	CVE-2022-3643
	CVE-2022-36946
	CVE-2022-40768
	CVE-2022-42703
	CVE-2022-42896
	CVE-2022-43945



Resolved Issue	Issue ID
	CVE-2022-45934
	CVE-2023-0461
lxml:	CVE-2021-28957
	CVE-2021-43818
lz4:	CVE-2021-3520
multipath-tools:	CVE-2022-41974
mysql-5.7:	CVE-2021-2146
	CVE-2021-2154
	CVE-2021-2162
	CVE-2021-2166
	CVE-2021-2169
	CVE-2021-2171
	CVE-2021-2179
	CVE-2021-2180
	CVE-2021-2194
	CVE-2021-2226
	CVE-2021-2307
	CVE-2021-2342
	CVE-2021-2372
	CVE-2021-2385
	CVE-2021-2389
	CVE-2021-2390
	CVE-2021-35604
	CVE-2021-35624
	CVE-2022-21245
	CVE-2022-21270
	CVE-2022-21303
	CVE-2022-21304
	CVE-2022-21344



Resolved Issue	Issue ID
	CVE-2022-21367
	CVE-2022-21417
	CVE-2022-21427
	CVE-2022-21444
	CVE-2022-21451
	CVE-2022-21454
	CVE-2022-21460
	CVE-2022-21515
	CVE-2022-21589
	CVE-2022-21592
	CVE-2022-21608
	CVE-2022-21617
	CVE-2023-21840
net-snmp:	CVE-2022-24805
	CVE-2022-24806
	CVE-2022-24807
	CVE-2022-24808
	CVE-2022-24809
	CVE-2022-24810
	CVE-2022-4479
	CVE-2022-44792
	CVE-2022-44793
nettle:	CVE-2018-16869
	CVE-2021-20305
	CVE-2021-3580
nginx:	CVE-2020-11724
	CVE-2020-36309
	CVE-2021-23017
	CVE-2021-3618



Resolved Issue	Issue ID
	CVE-2022-41741
	CVE-2022-41742
nss:	CVE-2020-25648
	CVE-2021-43527
	CVE-2022-22747
	CVE-2022-34480
	CVE-2023-0767
open-vm-tools:	CVE-2022-31676
openjdk-lts:	CVE-2021-2161
	CVE-2021-2163
	CVE-2021-2341
	CVE-2021-2369
	CVE-2021-2388
	CVE-2021-35550
	CVE-2021-35556
	CVE-2021-35559
	CVE-2021-35561
	CVE-2021-35564
	CVE-2021-35565
	CVE-2021-35567
	CVE-2021-35578
	CVE-2021-35586
	CVE-2021-35603
	CVE-2022-21248
	CVE-2022-21277
	CVE-2022-21282
	CVE-2022-21283
	CVE-2022-21291
	CVE-2022-21293



openssh: CVE-2018-15473	Resolved Issue	Issue ID
CVE-2022-21299 CVE-2022-21305 CVE-2022-21340 CVE-2022-21341 CVE-2022-21360 CVE-2022-21365 CVE-2022-21366 CVE-2022-21426 CVE-2022-21434 CVE-2022-21434 CVE-2022-21434 CVE-2022-21443 CVE-2022-21476 CVE-2022-21496 CVE-2022-21540 CVE-2022-2155 Depensh: CVE-2021-3711 CVE-2021-3712 CVE CVE-2022-1392 CVE CVE-2022-2068 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2022-4450		CVE-2022-21294
CVE-2022-21305 CVE-2022-21340 CVE-2022-21340 CVE-2022-21360 CVE-2022-21365 CVE-2022-21366 CVE-2022-21426 CVE-2022-21434 CVE-2022-21434 CVE-2022-21434 CVE-2022-21443 CVE-2022-21443 CVE-2022-21443 CVE-2022-21496 CVE-2022-21496 CVE-2022-21540 CVE-2022-21540 CVE-2022-21541 OpenIdap CVE-2022-21541 opensh: CVE-2021-3711 Opensh: CVE-2021-3711 Opensh: CVE-2022-13712 CVE-2022-2068 CVE-2022-2068 CVE-2022-2097 CVE-2022-2097 CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2022-4450		CVE-2022-21296
CVE-2022-21340 CVE-2022-21341 CVE-2022-21360 CVE-2022-21365 CVE-2022-21366 CVE-2022-21426 CVE-2022-21434 CVE-2022-21443 CVE-2022-21540 CVE-2022-21540 CVE-2022-21541 OppenIdap CVE-2022-2155 Oppensh: CVE-2021-3711 CVE-2022-1292 CVE-2022-1292 CVE-2022-1292 CVE-2022-1292 CVE-2022-1292 CVE-2022-2097 CVE-2022-4304 CVE-2022-4304 CVE-2022-4450 CVE-2023-0215		CVE-2022-21299
CVE-2022-21341 CVE-2022-21360 CVE-2022-21365 CVE-2022-21366 CVE-2022-21426 CVE-2022-21434 CVE-2022-21443 CVE-2022-21445 CVE-2022-21540 CVE-2022-21541 CVE-2022-21541 CVE-2022-21541 CVE-2022-21541 CVE-2022-2155 CVE CVE-2021-3711 CVE-2022-0778 CVE-2022-2097 CVE-2022-2097 CVE-2022-2097 CVE-2022-4304 CVE-2022-4304		CVE-2022-21305
CVE-2022-21360 CVE-2022-21365 CVE-2022-21366 CVE-2022-21426 CVE-2022-21434 CVE-2022-21443 CVE-2022-21540 CVE-2022-21540 CVE-2022-21540 CVE-2022-21541 CVE-2022-3169 CVE-2022-3169 CVE-2021-3711 CVE-2022-1792 CVE-2022-1792 CVE-2022-1292 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4304 CVE-2022-4450 CVE-2023-0215		CVE-2022-21340
CVE-2022-21365 CVE-2022-21366 CVE-2022-21426 CVE-2022-21434 CVE-2022-21437 CVE-2022-21443 CVE-2022-21443 CVE-2022-21476 CVE-2022-21496 CVE-2022-21540 CVE-2022-21541 CVE-2022-21541 CVE-2022-21541 openIdap CVE-2022-2155 opensh: CVE-2021-3711 CVE-2021-3712 CVE-2022-1792 CVE-2022-1292 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2022-4450		CVE-2022-21341
CVE-2022-21366 CVE-2022-21426 CVE-2022-21434 CVE-2022-21443 CVE-2022-21443 CVE-2022-21443 CVE-2022-21446 CVE-2022-21496 CVE-2022-21540 CVE-2022-21541 CVE-2022-21541 CVE-2022-21541 Openslap CVE-2022-29155 Openssl: CVE-2021-3711 CVE-2021-3712 CVE-2022-1778 CVE-2022-2097 CVE-2022-2097 CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2022-4450		CVE-2022-21360
CVE-2022-21426 CVE-2022-21434 CVE-2022-21443 CVE-2022-21443 CVE-2022-21443 CVE-2022-21443 CVE-2022-21443 CVE-2022-21446 CVE-2022-21496 CVE-2022-21540 CVE-2022-21541 CVE-2022-34169 openIdap CVE-2022-34169 openssh: CVE-2021-3711 openssl: CVE-2021-3712 CVE-2022-1292 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2022-4450		CVE-2022-21365
CVE-2022-21434 CVE-2022-21443 CVE-2022-21443 CVE-2022-21476 CVE-2022-21496 CVE-2022-21540 CVE-2022-21541 CVE-2022-34169 cVE-2022-34169 opensh1 CVE-2018-15473 openssh1 CVE-2021-3711 CVE-2022-0778 CVE-2022-1292 CVE-2022-2068 CVE-2022-2068 CVE-2022-4304 CVE-2022-4304 CVE-2022-4450		CVE-2022-21366
CVE-2022-21443 CVE-2022-21476 CVE-2022-21496 CVE-2022-21540 CVE-2022-21541 CVE-2022-34169 openIdap CVE-2022-29155 openssh: CVE-2021-3712 openssl: CVE-2022-0778 CVE-2022-0778 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2022-4450		CVE-2022-21426
CVE-2022-21476 CVE-2022-21496 CVE-2022-21540 CVE-2022-21541 CVE-2022-21541 CVE-2022-21541 CVE-2022-21541 CVE-2022-34169 cver-2022-29155 oppenssh: CVE-2018-15473 oppenssh: CVE-2021-3711 CVE-2022-0778 CVE-2022-1292 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4304 CVE-2022-4450 CVE-2023-0215		CVE-2022-21434
CVE-2022-21496 CVE-2022-21540 CVE-2022-21541 CVE-2022-34169 openIdap CVE-2022-29155 openssh: CVE-2018-15473 openssl: CVE-2021-3711 CVE-2022-0778 CVE-2022-1292 CVE-2022-1292 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2023-0215		CVE-2022-21443
CVE-2022-21540 CVE-2022-21541 CVE-2022-34169 openIdap CVE-2022-29155 openssh: CVE-2018-15473 openssl: CVE-2021-3711 CVE-2022-0778 CVE-2022-1292 CVE-2022-1292 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2023-0215		CVE-2022-21476
CVE-2022-21541 CVE-2022-34169 openIdap CVE-2022-29155 openssh: CVE-2018-15473 openssl: CVE-2021-3711 openssl: CVE-2022-0778 CVE-2022-1292 CVE-2022-1292 CVE-2022-2068 CVE-2022-2068 CVE-2022-4304 CVE-2022-4304 CVE-2022-4450 CVE-2022-4450		CVE-2022-21496
CVE-2022-34169 openIdap CVE-2022-29155 openssh: CVE-2018-15473 openssl: CVE-2021-3711 openssl: CVE-2021-3712 CVE-2022-0778 CVE-2022-1292 Image: CVE-2022-2068 CVE-2022-2068 Image: CVE-2022-4304 CVE-2022-4304 Image: CVE-2022-4304 CVE-2022-4450 Image: CVE-2023-0215 CVE-2023-0215		CVE-2022-21540
openIdap CVE-2022-29155 openssh: CVE-2018-15473 openssl: CVE-2021-3711 openssl: CVE-2021-3712 CVE-2022-0778 CVE-2022-0778 CVE-2022-1292 CVE-2022-1292 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4304 CVE-2022-4450 CVE-2023-0215		CVE-2022-21541
cverse CVE-2018-15473 openssh: CVE-2021-3711 openssl: CVE-2021-3712 CVE-2022-0778 CVE-2022-1292 CVE-2022-1292 CVE-2022-2068 CVE-2022-2097 CVE-2022-2097 CVE-2022-4304 CVE-2022-4304 CVE-2022-4450 CVE-2023-0215		CVE-2022-34169
cversel CVE-2021-3711 cversel CVE-2021-3712 cversel Cversel cversel Cversel <tr< td=""><td>openIdap</td><td>CVE-2022-29155</td></tr<>	openIdap	CVE-2022-29155
CVE-2021-3712 CVE-2022-0778 CVE-2022-1292 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4304 CVE-2022-4450 CVE-2022-4450	openssh:	CVE-2018-15473
CVE-2022-0778 CVE-2022-1292 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2023-0215	openssl:	CVE-2021-3711
CVE-2022-1292 CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2023-0215		CVE-2021-3712
CVE-2022-2068 CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2023-0215		CVE-2022-0778
CVE-2022-2097 CVE-2022-4304 CVE-2022-4450 CVE-2023-0215		CVE-2022-1292
CVE-2022-4304 CVE-2022-4450 CVE-2023-0215		CVE-2022-2068
CVE-2022-4450 CVE-2023-0215		CVE-2022-2097
CVE-2023-0215		CVE-2022-4304
		CVE-2022-4450
CVE-2023-0286		CVE-2023-0215
		CVE-2023-0286



Resolved Issue	Issue ID
openssl1.0:	CVE-2021-3712
	CVE-2022-0778
	CVE-2022-1292
	CVE-2022-2068
	CVE-2023-0215
	CVE-2023-0286
pam:	CVE-2022-28321
pcre3:	CVE-2019-20838
	CVE-2020-14155
perl:	CVE-2020-16156
php-pear:	CVE-2021-32610
php7.2:	CVE-2017-8923
	CVE-2017-9118
	CVE-2017-9119
	CVE-2017-9120
	CVE-2020-7068
	CVE-2020-7071
	CVE-2021-21702
	CVE-2021-21703
	CVE-2021-21704
	CVE-2021-21705
	CVE-2021-21707
	CVE-2022-31625
	CVE-2022-31626
	CVE-2022-31628
	CVE-2022-31629
	CVE-2022-31631
	CVE-2022-37454
	CVE-2023-0567



CVE-2023-0568 CVE-2023-0662 pillow: CVE-2021-23437 CVE-2021-25287 CVE-2021-25287 CVE-2021-25288 CVE-2021-25288 CVE-2021-25290 CVE-2021-25290 CVE-2021-25292 CVE-2021-25293 CVE-2021-25293 CVE-2021-2792 CVE-2021-27921 CVE-2021-27921 CVE-2021-27922 CVE-2021-27923 CVE-2021-27923 CVE-2021-28675 CVE-2021-28675 CVE-2021-28675 CVE-2021-28675 CVE-2021-28676 CVE-2021-28676 CVE-2021-28678 CVE-2021-28678 CVE-2022-2815 CVE-2022-2815 CVE-2022-2815 postgresql-10 CVE-2021-23214 postgresql-10 CVE-2021-23224 CVE-2021-23224 CVE-2021-32027 CVE-2021-32027 CVE-2021-32028 CVE-2021-3449 CVE-2022-1552 pyjwt: CVE-2022-2825	Resolved Issue	Issue ID
pillow: CVE-2021-23437 CVE-2021-25287 CVE-2021-25288 CVE-2021-25280 CVE-2021-25290 CVE-2021-25292 CVE-2021-25293 CVE-2021-25293 CVE-2021-25293 CVE-2021-25293 CVE-2021-25293 CVE-2021-2792 CVE-2021-2792 CVE-2021-2792 CVE-2021-27923 CVE-2021-27923 CVE-2021-27923 CVE-2021-28675 CVE-2021-28675 CVE-2021-28675 CVE-2021-28676 CVE-2021-28676 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2022-2815 CVE-2022-2816 CVE-2022-2816 pixman: CVE-2022-2816 pixman: CVE-2022-2817 pixman: CVE-2022-2817 pixman: CVE-2021-23214 postgresql-10 CVE-2021-23222 CVE-2021-32027 CVE-2021-32028 CVE-2021-32028 CVE-2021-32028 CVE-2021-3449 CVE-2021-552 CVE-2022-2625 CVE-2022-2625		CVE-2023-0568
. CVE-2021-25287 . CVE-2021-25288 . CVE-2021-25290 . CVE-2021-25292 . CVE-2021-25293 . CVE-2021-25293 . CVE-2021-2792 . CVE-2021-2792 . CVE-2021-27922 . CVE-2021-27923 . CVE-2021-27923 . CVE-2021-27923 . CVE-2021-28675 . CVE-2021-28675 . CVE-2021-28676 . CVE-2021-28678 . CVE-2021-28678 . CVE-2021-28678 . CVE-2021-2815 . CVE-2022-22815 . CVE-2022-22815 . CVE-2022-22817		CVE-2023-0662
CVE-2021-25288CVE-2021-25290CVE-2021-25292CVE-2021-25293CVE-2021-2792CVE-2021-27921CVE-2021-27922CVE-2021-27923CVE-2021-28675CVE-2021-28676CVE-2021-28676CVE-2021-28677CVE-2021-28678CVE-2021-28678CVE-2021-2815CVE-2022-2815CVE-2022-2816pixman:CVE-2022-2816pixman:CVE-2022-2816pixman:CVE-2022-2816pixman:CVE-2021-32027pixman:CVE-2021-3214pixman:CVE-2021-32027CVE-2021-32027CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028CVE-2021-32028CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028pixman:CVE-2021-32028	pillow:	CVE-2021-23437
CVE-2021-25290CVE-2021-25293CVE-2021-25293CVE-2021-2792CVE-2021-27921CVE-2021-27922CVE-2021-27923CVE-2021-28675CVE-2021-28676CVE-2021-28677CVE-2021-28678CVE-2021-28678CVE-2021-2815CVE-2022-2816CVE-2022-2816CVE-2022-2817pixman:CVE-2022-2816pixman:CVE-2021-23214postgresql-10CVE-2021-32027CVE-2021-32027CVE-2021-32027CVE-2021-32028CVE-2021-3499CVE-2022-1552CVE-2022-2555		CVE-2021-25287
CVE-2021-25292 CVE-2021-25293 CVE-2021-2792 CVE-2021-27921 CVE-2021-27922 CVE-2021-27923 CVE-2021-27923 CVE-2021-27923 CVE-2021-27923 CVE-2021-28675 CVE-2021-28676 CVE-2021-28677 CVE-2021-28678 CVE-2021-34552 CVE-2021-34552 CVE-2022-2816 CVE-2022-2817 pixman: CVE-2022-2817 pixman: CVE-2022-2817 postgresql-10 CVE-2021-3224 CVE-2021-23214 CVE-2021-23214 CVE-2021-3027 CVE-2021-32027 CVE-2021-32028 CVE-2021-32028 CVE-2021-3449 CVE-2021-3449 CVE-2022-1552 CVE-2022-1552		CVE-2021-25288
CVE-2021-25293 CVE-2021-2792 CVE-2021-27921 CVE-2021-27922 CVE-2021-27923 CVE-2021-27923 CVE-2021-28675 CVE-2021-28676 CVE-2021-28677 CVE-2021-28678 CVE-2021-34552 CVE-2021-34552 CVE-2022-22815 CVE-2022-22817 pixman: CVE-2022-22817 pixman: CVE-2021-3222 QVE-2021-23214 CVE-2021-32028 QVE-2021-32028 CVE-2021-32028 QVE-2021-32028 CVE-2021-32028 QVE-2021-3449 CVE-2022-1552 QVE-2022-2625 CVE-2022-2625		CVE-2021-25290
CVE-2021-2792 CVE-2021-27921 CVE-2021-27922 CVE-2021-27923 CVE-2021-28675 CVE-2021-28676 CVE-2021-28677 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2022-2815 CVE-2022-2816 CVE-2022-2817 pixman: CVE-2021-23214 postgresql-10 CVE-2021-23224 CVE-2021-23224 CVE-2021-23224 CVE-2021-23224 CVE-2021-23224 ICVE-2021-23224 CVE-2021-23224 ICVE-2021-23224 CVE-2021-23224 ICVE-2021-23224 CVE-2021-23224 ICVE-2021-23224 CVE-2021-23224 ICVE-2021-23224 CVE-2021-23224 ICVE-2021-32028 CVE-2021-32028 ICVE-2021-3449 CVE-2022-1552 ICVE-2022-2625 CVE-2022-2625		CVE-2021-25292
CVE-2021-27921 CVE-2021-27922 CVE-2021-27923 CVE-2021-28675 CVE-2021-28676 CVE-2021-28676 CVE-2021-28677 CVE-2021-28678 CVE-2021-28678 CVE-2021-34552 CVE-2022-22815 CVE-2022-22816 CVE-2022-22817 pixman: CVE-2022-22817 postgresql-10 CVE-2021-23224 CVE-2021-23224 CVE-2021-23224 CVE-2021-32027 CVE-2021-32027 CVE-2021-32028 CVE-2021-32028 CVE-2021-3449 CVE-2021-3449 CVE-2022-1552 CVE-2022-1552		CVE-2021-25293
CVE-2021-27922 CVE-2021-27923 CVE-2021-28675 CVE-2021-28676 CVE-2021-28676 CVE-2021-28677 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2021-28678 CVE-2022-22815 CVE-2022-22816 CVE-2022-22817 pixman: CVE-2022-22817 pixman: CVE-2022-44638 postgresql-10 CVE-2021-23214 CVE-2021-23222 CVE CVE-2021-32027 CVE-2021-32027 CVE-2021-32028 CVE-2021-32028 CVE-2021-32028 CVE-2021-32028 CVE-2021-32028 CVE-2021-32028		CVE-2021-2792
CVE-2021-27923 CVE-2021-28675 CVE-2021-28676 CVE-2021-28677 CVE-2021-28678 CVE-2021-34552 CVE-2021-34552 CVE-2022-22815 CVE-2022-22816 CVE-2022-22816 CVE-2022-22817 pixman: CVE-2022-44638 postgresql-10 CVE-2021-32027 CVE-2021-32027 CVE-2021-32027 QUE CVE-2021-32028 QUE CVE-2022-1552 QUE CVE-2022-2625		CVE-2021-27921
CVE-2021-28675 CVE-2021-28676 CVE-2021-28677 CVE-2021-28678 CVE-2021-34552 CVE-2022-22815 CVE-2022-22816 CVE-2022-22816 CVE-2022-22817 pixman: CVE-2022-22817 CVE-2022-22817 CVE-2022-22817 CVE-2022-22817 CVE-2021-23214 pixman: CVE-2021-23224 CVE-2021-23224 CVE-2021-23224 CVE-2021-23224 CVE-2021-23224 CVE-2021-23224 CVE-2021-23224 CVE-2021-32027 CVE-2021-32028 CVE-2021-32028 CVE-2021-32028 CVE-2021-32028 CVE-2021-32028 CVE-2021-32028 CVE-2021-32028 CVE-2022-1552 CVE-2022-2625		CVE-2021-27922
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CVE-2021-3449 CVE-2022-1552 CVE-2022-2625		CVE-2021-32027
CVE-2022-1552 CVE-2022-2625		CVE-2021-32028
CVE-2022-2625		CVE-2021-3449
		CVE-2022-1552
pyjwt: CVE-2022-29217		CVE-2022-2625
	pyjwt:	CVE-2022-29217



Resolved Issue	Issue ID
python-babel:	CVE-2021-20095
python-future:	CVE-2022-40899
python-ldap:	CVE-2021-46823
python-setuptools:	CVE-2022-40897
python2.7:	CVE-2015-20107
	CVE-2021-3177
	CVE-2021-4189
	CVE-2022-0391
	CVE-2022-45061
python3.6:	CVE-2015-20107
	CVE-2021-3426
	CVE-2021-3733
	CVE-2021-3737
	CVE-2021-4189
	CVE-2022-0391
	CVE-2022-45061
qtbase-opensource-src:	CVE-2020-17507
	CVE-2021-38593
rpcbind:	CVE-2017-8779
rsync:	CVE-2018-25032
	CVE-2022-37434
samba:	CVE-2016-2124
	CVE-2020-25717
	CVE-2020-25722
	CVE-2021-20254
	CVE-2021-3671
	CVE-2021-44142
shadow:	CVE-2013-4235
	CVE-2018-7169



Resolved Issue	Issue ID
sqlite3:	CVE-2020-35525
	CVE-2021-36690
	CVE-2022-35737
strongswan:	CVE-2021-41990
	CVE-2021-41991
	CVE-2021-45079
	CVE-2022-40617
sudo:	CVE-2023-22809
sysstat:	CVE-2022-39377
systemd:	CVE-2020-13529
	CVE-2021-33910
	CVE-2022-2526
tar:	CVE-2021-20193
	CVE-2022-48303
tcpdump:	CVE-2018-16301
	CVE-2020-8037
tiff:	CVE-2020-19131
	CVE-2020-19144
	CVE-2020-35522
	CVE-2022-0561
	CVE-2022-0562
	CVE-2022-0865
	CVE-2022-0891
	CVE-2022-0907
	CVE-2022-0908
	CVE-2022-0909
	CVE-2022-0924
	CVE-2022-1355
	CVE-2022-2056



Resolved Issue	Issue ID
	CVE-2022-2057
	CVE-2022-2058
	CVE-2022-22844
	CVE-2022-2867
	CVE-2022-2868
	CVE-2022-2869
	CVE-2022-34526
	CVE-2022-3570
	CVE-2022-3598
	CVE-2022-3599
	CVE-2022-3970
uwsgi:	CVE-2020-11984
vim:	CVE-2021-3778
	CVE-2021-3796
	CVE-2021-3903
	CVE-2021-3927
	CVE-2021-3928
	CVE-2021-3984
	CVE-2021-4019
	CVE-2021-4069
	CVE-2022-0392
	CVE-2022-0943
	CVE-2022-1154
	CVE-2022-1616
	CVE-2022-1619
	CVE-2022-1620
	CVE-2022-1621
wayland:	CVE-2021-3782
xz-utils:	CVE-2022-1271
zlib	CVE-2018-25032
	CVE-2022-37434



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: Safeguard Desktop Player known issues

Known Issue

The Safeguard Desktop Player has rendering issues with bad opengl drivers on Windows, for example, when running a Windows 10 guest on a Linux host (VirtualBox).

This only affects the Windows version and mostly the virtual environments, however, the root cause is the bad opengl driver.

A quick workaround is to set a QT_OPENGL=angle system wide environment variable.

Related to SPP (SPP): You cannot use the Safeguard Desktop Player version 1.10.11 to replay audit trails initiated from SPP. Alternatively, use the Safeguard Desktop Player 1.9.27.

System requirements

Before installing SPS 6.9.5, 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.

- Installation Guide
- Deployment from Azure Marketplace
- Deployment on Amazon Web Services
- Evaluation Guide



Supported web browsers and operating systems

A CAUTION:

Since the official support of Internet Explorer 9 and 10 ended in January, 2016, they are not supported in One Identity Safeguard for Privileged Sessions (SPS) version 4 F3 and later.

A CAUTION:

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 "Replaying audit trails in your browser" in the Administration Guide and Safeguard Desktop Player User Guide.

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 14inch 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 current version of Mozilla Firefox, Google Chrome, Microsoft Edge (Microsoft Edge Legacy is not supported), and Microsoft Internet Explorer 11 or newer. The browser must support TLS-encrypted HTTPS connections, JavaScript, and cookies. Make sure that both JavaScript and cookies are enabled.

Supported operating systems

Windows 2008 Server, Windows 7, Windows 2012 Server, Windows 2012 R2 Server, Windows 8, Windows 8.1, Windows 10, Windows 2016, and Linux.

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.



Safeguard Desktop Player system requirements

The Safeguard Desktop Player application supports the following platforms:

• 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 the following packages installed:

- 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 High Sierra 10.13, or newer.

Installing the Safeguard Desktop Player application requires 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.



Product	Redundant PSU	Processor	Memory	Capacity	RAID	IPMI
SPS T-1	No	1x Intel Xeon X3430 2.40GHz	2 x 4 GB	2 x 1 TB	Software RAID	Yes
SPS T-4	Yes	1x Intel Xeon E3- 1275 v2 3.50GHz	2 x 4 GB	4 x 2 TB	LSI MegaRAID SAS 9271-4i SGL	Yes
SPS T-10	Yes	2 x Intel Xeon E5- 2630 v2 2.6GHz	8 x 4 GB	13 x 1 TB	LSI 2208 (1GB cache)	Yes
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

Table 4: Hardware specifications

The Safeguard Sessions Appliance 3500 is equipped with a dual-port 10Gbit interface. This interface has SFP+ connectors (not RJ-45) labeled A and B, 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 Sessions6.9.5

For step-by-step instructions on upgrading to SPS6.9.5, 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.

About feature releases

This is a feature release, which means that it will be supported for 6 months after the release date or 2 months after the release of a succeeding feature release (whichever date is later). It also means that if you are running a previous feature release (such as versions 6.1), you have 2 months to upgrade to version 6.9.5 if you want to keep running on a supported release.

For a full description of long-term-supported and feature releases, open the SPS product page on the Support Portal and navigate to Self Service Tools > Product Support > Product Life Cycle & Policies > Product Support Policies > Software Product Support Lifecycle Policy.

If you have a physical appliance based on MBX hardware

One Identity recommends you to upgrade to SPS6.9.5, 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 SPS6.9.5 if you are running SPS on Pyramid hardware:

Downgrading from a feature release

Do NOT downgrade from a feature release.

A 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 6.9.5 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
- 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

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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.

