



One Identity Safeguard for Privileged  
Sessions 6.0.13

Upgrading plugins for One Identity  
Safeguard for Privileged Sessions  
version 6.0

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**Legend**

 **WARNING: A WARNING icon highlights a potential risk of bodily injury or property damage, for which industry-standard safety precautions are advised. This icon is often associated with electrical hazards related to hardware.**

 **CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.**

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# Upgrading plugins for One Identity Safeguard for Privileged Sessions 6.0

This document provides guidelines on upgrading your deprecated plugins for One Identity Safeguard for Privileged Sessions 6.0. The following sections describe the most common parameter mappings from the deprecated plugins to the new One Identity Safeguard for Privileged Sessions 6.0 plugins.

## [name-of-plugin]

This section is intended to be the same as in the deprecated plugins. However, it is advised to double-check it against the respective new `default.cfg` file.

**NOTE:**

Make sure to enter \$ as the value of the parameter storing sensitive data and store the actual configuration parameters of the plugin in the Credential Store.

These parameters are the following in case of each plugin:

- *Duo*: ikey and skey
- *inWebo*: client\_cert
- *Okta*: api\_key
- *RADIUS*: secret
- *Safeguard*: password
- *Starling 2FA*: api\_key
- *TPAM*: server\_user\_key
- *YubiKey*: api\_key

For details on storing sensitive plugin data securely, see the following section of the respective plugin:

- *Duo*: ["Store sensitive plugin data securely" in the Duo Multi-Factor Authentication - Tutorial](#)
- *inWebo*: ["Store sensitive plugin data securely" in the inWebo Multi-Factor Authentication - Tutorial](#)
- *Okta*: ["Store sensitive plugin data securely" in the Okta Multi-Factor Authentication - Tutorial](#)
- *RADIUS*: ["Store sensitive plugin data securely" in the RADIUS Multi-Factor Authentication - Tutorial](#)
- *Starling 2FA*: ["Store sensitive plugin data securely" in the Starling Two-Factor Authentication- Tutorial](#)
- *YubiKey*: ["Store sensitive plugin data securely" in the YubiKey Multi-Factor Authentication - Tutorial](#)

## [users]

This configuration section was only included in certain plugins.

The following parameters were in the now deprecated [users] configuration section. They are mapped as follows:

```
[users]
<user-name-1>=<id-1>
```

This is now:

```
[usermapping source=explicit]
<user-name-1>=<id-1>
```

## [plugin]

The following parameters were in the now deprecated [plugin] configuration section. They are mapped as follows:

- ```
[plugin]
config_version=1
```

This is now deleted.

- ```
[plugin]
log_level=info
```

This is now:

```
[logging]
log_level=info
```

Note that log\_level now only accepts strings as values. It does not accept integers.

- ```
[plugin]
cred_store=<name-of-credstore-hosting-sensitive-data>
```

This is now:

```
[credential_store]
name=<name-of-credstore-hosting-sensitive-data>
```

## [auth]

The following parameters were in the [auth] configuration section. They are mapped as follows:

- ```
[auth]
prompt=Hit Enter to send Duo push notification or provide the OTP:
```

This has not changed.

- ```
[auth]
whitelist=<name-of-the-user-list>
```

This is now:

```
[whitelist source=user_list]
name=<name-of-the-user-list>
```

## [username\_transform]

The following parameters were in the [username\_transform] configuration section. They are mapped as follows:

```
[username_transform]
append_domain=<name-of-the-domain-to-append-to-usernames>
```

This has not changed.

## [ldap]

The following parameters were in the now deprecated [ldap] configuration section. They are mapped as follows:

- [ldap]  
ldap\_server\_config=<ldap-configuration-name>

This is now:

```
[ldap_server]
name=<ldap-configuration-name>
```

- [ldap]  
filter=(&(cn={})(objectClass=inetOrgPerson))

This is now deleted. It is automatically retrieved from the LDAP Server Policy from now on.

- [ldap]  
user\_attribute=cn

This is now:

```
[usermapping source=ldap_server]
user_attribute=cn
```

## [cache]

The following parameters were in the now deprecated [cache] configuration section. They are mapped as follows:

- [cache]  
soft\_timeout=0

This is now:

```
[authentication_cache]
soft_timeout=0
```

- [cache]  
hard\_timeout=0

This is now:

```
[authentication_cache]
hard_timeout=0
```

- [cache]  
limit=0

This is now:

```
[connection_limit by=client_ip_gateway_user]
conn_limit=0
```

## [question\_1]

The following parameters were in the now deprecated [question\_1] configuration section. They are mapped as follows:

- [question\_1]  
key=nameofthekey

This has not changed.

- [question\_1]  
prompt=prompt to ask from the user

This has not changed.

- [question\_1]  
disable\_echo=1

This has not changed.



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