



Okta Cyberark SCIM Server Integration

Technical documentation

Name of Company: Okta

Website: www.okta.com

Name of Product: Okta Identity Cloud

Date: June 2019

OKTA SOLUTION OVERVIEW

Okta is the leading independent provider of identity for the enterprise. The Okta Identity Cloud enables organizations to securely connect the right people to the right technologies at the right time. With over 6,000 pre-built integrations to applications and infrastructure providers, Okta customers can easily and securely use the best technologies for their business.

KEY BENEFITS

This integration allows Okta to provision, update, and deprovision users in CyberArk using the SCIM server interface.

The following provisioning features are supported:

- Create Users: It allows to create new CyberArk users or link existing users when assigning them to CyberArk SCIM application in Okta.
- Update User Attributes: Okta updates user's attributes in CyberArk when the CyberArk SCIM App is assigned, and any changes to the Okta user profile after that will automatically overwrite the corresponding attribute values in CyberArk.
- Deactivate Users: Disables the user in CyberArk when it is unassigned in Okta, or the Okta account is deactivated. Accounts can be reactivated by reassigning the app to the user in Okta.
- Sync Password: Synchronizes password from Okta to CyberArk for each assigned user to the CyberArk SCIM App.

INSTALLATION & INTEGRATION CONFIGURATION

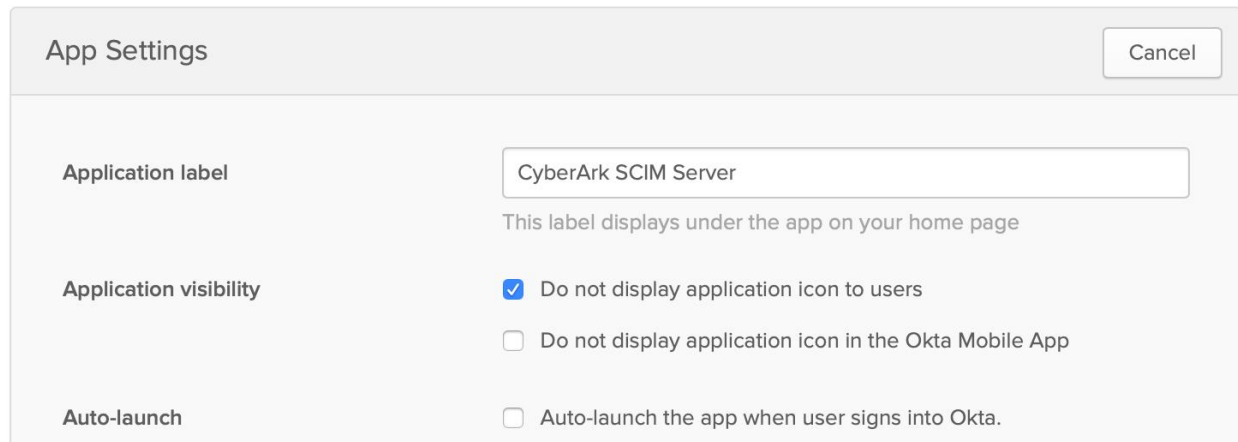
You will need to have CyberArk SCIM Server already installed and configured. Please, follow the [CyberArk SCIM Server Implementation Guide](#).

The following parameters are necessary in the **GlobalConfig.yml** file:

```
supportExternalID: true
useCyberArkUserID: true
```

OKTA CONFIGURATION STEPS

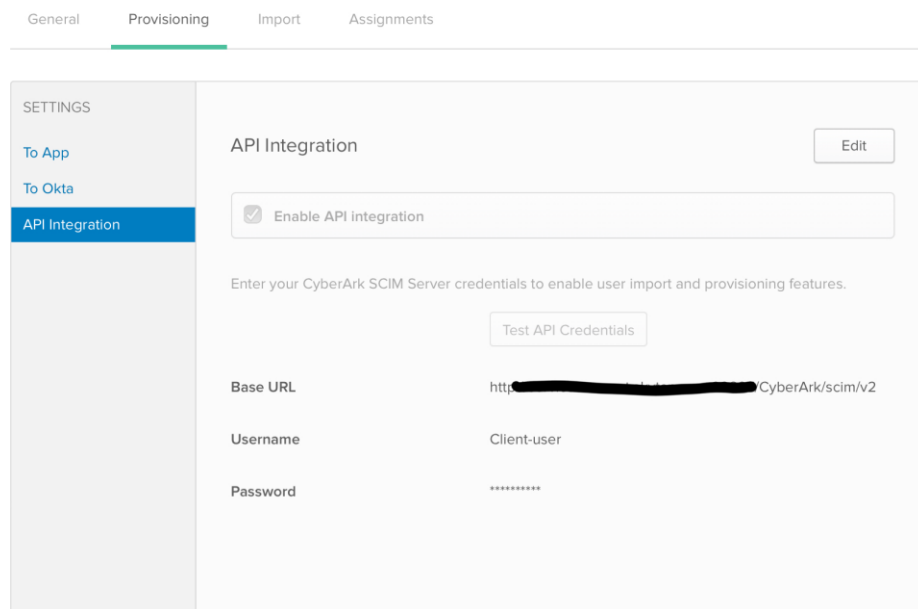
- In General tab, please make sure to check the setting “Do not display application icon to users” for Application visibility as follows:



The screenshot shows the 'App Settings' dialog box. It has a title bar with 'App Settings' and a 'Cancel' button. The settings are as follows:

Setting	Value
Application label	CyberArk SCIM Server
Application visibility	☒ Do not display application icon to users ☐ Do not display application icon in the Okta Mobile App
Auto-launch	☐ Auto-launch the app when user signs into Okta.

- In Provisioning tab, for API Integrations set the Base URL to CyberArk SCIM (ending in /CyberArk/scim/v2), along with username and password:



The screenshot shows the 'Provisioning' tab in the Okta console. The 'API Integration' section is active. The settings are as follows:

Setting	Value
Enable API integration	☒
Base URL	http://[redacted]CyberArk/scim/v2
Username	Client-user
Password	*****

Create the Username in CyberArk through the SCIM Server installer following the instructions in the *Creating additional SCIM Clients* section

- Enable the provisioning actions desired under Applications -> CyberArk SCIM -> Provisioning:

General

Provisioning

Import

Assignments

SETTINGS

To App

To Okta

API Integration

okta

→

CYBERARK

Provisioning to App

Edit

Create Users

☒ Enable

Creates or links a user in CyberArk SCIM Server when assigning the app to a user in Okta.

The [default username](#) used to create accounts is set to **Okta username**.

Update User Attributes

☒ Enable

Okta updates a user's attributes in CyberArk SCIM Server when the app is assigned. Future attribute changes made to the Okta user profile will automatically overwrite the corresponding attribute value in CyberArk SCIM Server.

Deactivate Users

☒ Enable

Deactivates a user's CyberArk SCIM Server account when it is unassigned in Okta or their Okta account is deactivated. Accounts can be reactivated if the app is reassigned to a user in Okta.

- Define the provisioning settings from CyberArk SCIM to Okta:

General

Provisioning

Import

Assignments

SETTINGS

To App

To Okta

API Integration

CYBERARK

→

okta

Edit

General

Import users from CyberArk SCIM Server to create new Okta users. If the Okta user already exists, the two accounts will automatically be linked. Imported users are assigned CyberArk SCIM Server access when they are confirmed on the Import tab.

Schedule import

never

Select **never** if you prefer to import manually.

Okta username format

Email address

Select the username users should enter to log into Okta.

Max Import Unassignment

20% (default)

User Creation & Matching

Edit

Imported user is an exact match to Okta user if

☐ Okta username format matches

☒ Email matches

☐ The following attributes match...

Allow partial matches

☐ Partial match on first and last name

Confirm matched users

☐ Auto-confirm exact matches

☐ Auto-confirm partial matches

Confirm new users

☐ Auto-confirm new users

☐ Auto-activate new users