

Clearlogin - Okta

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Overview

The Okta Identity Cloud provides secure identity management with Single Sign-On, Multi-factor Authentication, Lifecycle Management (Provisioning), and more. This article shows you how to add Okta as an identity source in Clearlogin.

Overview of the Process

- Add the Okta Identity Source to Clearlogin
- Start the Okta Configuration
- Configure the Okta Identity Source in Clearlogin
- Finish the Okta Configuration


Clearlogin: Add the Okta Identity Source

These steps will add

- Sign into the **Clearlogin Admin Console**: <https://admin.clearlogin.com>
- In the left navigation bar, browse to: **Identity Sources**
- Click on the **New Identity Source** button, and select **Okta**



- **Display Name:** Okta
- **User Domain:** yourdomain.com
- **Access Tag:** Azure AD
- **Priority:** 5 (default). Change this to a lower number if you wish to give Okta a higher priority.
- **Timeout:** 10 seconds (default)
- Click on **Create Okta Identity Source**

 **New Okta Identity Source**

Display Name

This is a nickname for what we will call your directory in other parts of the configuration of Clearlogin.

User Domain

User domains are a way to group multiple Identity Sources into a single domain of users.

Access Tag


Users that are authenticated via this Identity Source will be tagged with the specified access tag. If no access tag is specified, the name will be used.

Priority

The priority of your server, 1 being the highest. Learn more about priority in the sidebar.

Timeout

This is length of time, in seconds, that we will spend trying to connect to your server before timing out.



- On the Summary page, note the SSO Login & SSO Logout, and Redirect URLs. You will need these for the Okta configuration.

SSO Login URL

<https://evolvenow.clearlogin.com/openid/okta/login>



SSO Logout URL

<https://evolvenow.clearlogin.com/logout>



SSO Callback URL (Redirect URI)

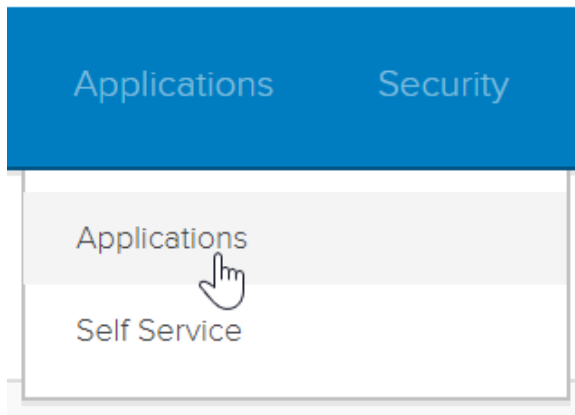
<https://evolvenow.clearlogin.com/openid/okta/callback>



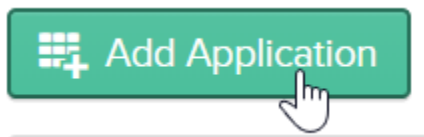
Okta: Configuration Part 1

Open a new browser tab and navigate to your Okta administrator dashboard (<https://yourtenantid-admin.okta.com>).

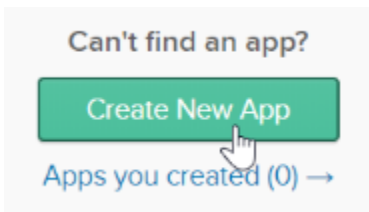
- From the Okta admin dashboard, browse to: **Applications > Applications**



- Click on **Add Application**



- Click on Create New App



- In the New Application Integration window
 - **Platform:** Web
 - **Sign on Method:** OpenID Connect
- Click on **Create**

Create a New Application Integration

Platform: Web


Sign on method:

- ☐ Secure Web Authentication (SWA)
Uses credentials to sign in. This integration works with most apps.
- ☐ SAML 2.0
Uses the SAML protocol to log users into the app. This is a better option than SWA, if the app supports it.
- ☒ OpenID Connect
Uses the OpenID Connect protocol to log users into an app you've built.



Create Cancel

- Name the application: Clearlogin
- Add the Clearlogin logo
- Add the **SSO Login URL** from the summary page in Clearlogin to the **Login Redirect URIs** field
- Add the **SSO Logout URL** from the summary page in Clearlogin to the **Logout Redirect URIs** field
- Click **Save**

CONFIGURE OPENID CONNECT


Login redirect URIs 


[+ Add URI](#)

Logout redirect URIs  



[+ Add URI](#)

- On the **General** tab, scroll down and take note of the **Client ID** and **Client Secret**. You will need these in the Clearlogin configuration.

Client Credentials 

Client ID 

Public identifier for the client that is required for all OAuth flows.

Client secret  

Secret used by the client to exchange an authorization code for a token. This must be kept confidential! Do not include it in apps which cannot keep it secret, such as those running on a client.

Clearlogin: Configure the Okta Identity Source

- Switch back to Clearlogin
- On the Okta summary page, click Edit
- Scroll down and select Endpoints, and then enter the following:

Item	Value
Authorization Endpoint	https://youroktasubdomain.okta.com/oauth2/v1/authorize
Token Endpoint	https://youroktasubdomain.okta.com/oauth2/v1/token
Userinfo Endpoint	https://youroktasubdomain.okta.com/oauth2/v1/userinfo

Endpoints?

Manually configure endpoints. By default we attempt to figure these out for you.

Authorization Endpoint

Endpoint used for authorization.

Token Endpoint

Endpoint used for obtaining tokens.

Userinfo Endpoint

Endpoint used for obtaining user information.

- Enter the Client ID and Client Secret from Okta (General tab)

Client ID

The identifier for the application.

Client Secret

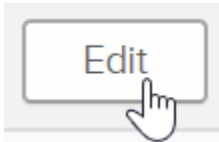
- Save the configuration by clicking on **Update Okta Identity Source**.

 Update Okta Identity Source

Okta: Configuration Part 2

Back in the Okta admin dashboard, on the General Settings (tab).

- Click the Edit button in the header bar at the top of the page.



- Allowed Grant Types
 - **Authorization Code**: Checked
 - **Refresh Token**: Unchecked
 - **Implicit (Hybrid)**: Checked
 - **Allow ID Token with implicit grant type**: Checked
 - **Allow Access Token with implicit grant type**: Unchecked

Client acting on behalf of a user

- ☒ Authorization Code
- ☐ Refresh Token
- ☒ Implicit (Hybrid)
 - ☒ Allow ID Token with implicit grant type
 - ☐ Allow Access Token with implicit grant type

- **Login Initiated By**: Either Okta or App
- Application Visibility
 - **Display application icon to users**: Checked
 - **Display application icon in the Okta Mobile app**: Checked
- **Login Flow**: Redirect to app to initiate login (OIDC Compliant)

Either Okta or App ▼

- ☒ Display application icon to users
- ☒ Display application icon in the Okta Mobile app
- ☒ Redirect to app to initiate login (OIDC Compliant)
- ☐ Send ID Token directly to app (Okta Simplified)

- **Save** the changes.



- Make sure to assign the Clearlogin app to the appropriate users/groups from the **Assignments** tab in order to grant access to those who need it.

Assign ▾		Convert Assignments		Q Search...		People ▾	
FILTERS		Person		Type			
People		Steve Yedwab steve@clearlogin.com		Individual		<input checked="" type="checkbox"/> <input type="checkbox"/>	
Groups							