

SSO with Okta

CloudZero supports single-sign on (SSO) for Okta. This enables users to seamlessly log in to CloudZero from an Okta tile, without needing to enter a CloudZero username and password.

To set up a new SSO integration for CloudZero using Okta, complete the following steps:

1. [Create a new Okta application.](#)
2. [Configure the Okta SSO Integration in CloudZero.](#)
3. [Complete the configuration in Okta.](#)

Step 1: Create a new Okta application

1. Log in to [Okta](#) and navigate to **Admin Console > Applications > Applications**.
2. Select **Create App Integration**.
3. Select **OIDC - OpenID Connect** as the **Sign-in method**.
4. Select **Single-Page Application**.
5. Click **Next**.
6. Enter a name in the **App integration name** field, such as `CloudZero`.
7. Optionally, upload a logo to the **Logo** field. [Download the CloudZero logo here.](#)
8. In the **Grant type** field, select **Advanced**, and then check the box for **Implicit (hybrid)**.
9. In the **Sign-in redirect URIs** field, enter `https://auth.cloudzero.com/login/callback`
10. Click **Save** to create the app integration, then select **Edit** to configure additional options.
11. In the **General** tab, ensure the **Proof Key for Code Exchange (PKCE)** box is checked in the **Client Credentials** section.
12. Copy the **Client ID**.

13. Keep the Okta settings page open so you can finish configuring it in a later step.

General Sign On Assignments Okta API Scopes Application Rate Limits

Client Credentials

Client ID

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

Client authentication None

Proof Key for Code Exchange (PKCE) Require PKCE as additional verification

Step 2: Configure the Okta SSO Integration in CloudZero

1. Log in to CloudZero and navigate to [Settings > SSO Integrations](#).
2. Click the **Create New Integration** button:

Connect your SSO Integration
Connect your identity provider to utilize single sign on to the CloudZero platform

[+ Create New Integration](#)

Search...

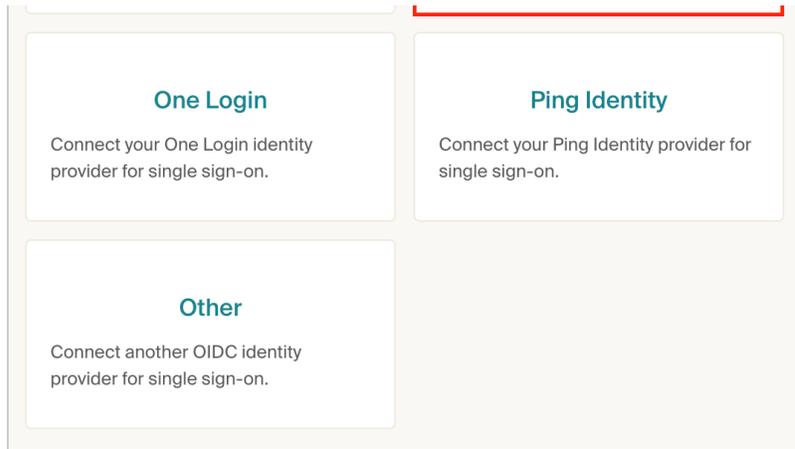
Integration Name	Type	Groups	Status	Actions
cloudzero.com	Oidc	Groups Disabled	Ready to Test Connection	
example.com	Azure Active Directory	Groups Enabled	Active	
cloudzero.com	Oidc	Groups Enabled	Active	
cloudzero.com	Azure Active Directory	Groups Disabled	Created	

3. On the **Select Your Identity Provider** page, select **Okta**:

Select your Identity Provider

Azure Active Directory
Connect your Azure AD identity provider for single sign-on.

Okta
Connect your Okta identity provider for single sign-on.



4. CloudZero displays the **Connect Okta to CloudZero** form:

A screenshot of the 'Connect Okta to CloudZero' form. The form title is 'Connect Okta to CloudZero' with the subtitle 'Streamline user access with SSO authentication'. There is a 'Learn More' link with an external icon. The form has a 'Configuration' section with the following fields: 'IDP Callback URL' (value: https://auth.cloudzero.com/login/callback), 'Email Domain' (value: your-company-name.com, with a note: 'This should be a valid email domain, aka network location'), 'Issuer' (value: https://your-idp/.well-known/openid-configuration, with a note: 'This is your OIDC Discovery Endpoint, e.g. https://cloudzero.okta.com/.well-known/openid-configuration'), and 'Client ID' (value: Client ID, with a note: 'Enter your Client ID'). At the bottom, there are 'Cancel' and 'Create Integration' buttons.

5. The **IdP Callback URL** field displays the callback URL. Because you entered this URL into your Okta application's **Sign-in redirect URIs** field in a previous step, you can proceed to the next field.
6. Enter the **Email Domain**. Users with an email address from this domain will be forwarded to your Okta integration to log in to CloudZero.
7. Enter the **Issuer**. This is your OIDC Discovery Endpoint (for example, `https://example.okta.com/.well-known/openid-configuration`). See [Okta's documentation](#) for more information.
8. Paste the client ID you copied from Okta into the **Client ID** field.
9. Select **Create Integration**. CloudZero creates the SSO integration and reloads the page to display the integration details.



SSO Connection Details

Update or manage your single sign-on configuration

Delete Integration

General Configuration

[Learn More](#)

IDP Callback URL	<input type="text" value="https://auth.cloudzero.com/login/callback"/>
Email Domain	<input type="text" value="...com"/> <small>This should be a valid email domain, aka network location</small>
Issuer	<input type="text" value="https://...okta.com/well-known/openid-configuration"/> <small>This is your OIDC Discovery Endpoint, e.g. https://cloudzero.okta.com/well-known/openid-configuration</small>
Client ID	<input type="text" value="Test"/> <small>Enter your Client ID</small>
Bookmark URL	<input type="text" value="https://app.cloudzero.com?connection=..."/> <small>Save this URL as a bookmark in your browser for quick, seamless access to CloudZero using your SSO credentials</small>

Discard

You must test your SSO integration by logging into your provider before enabling it.

SSO Connection Status and Controls

- Enable log-ins with my SSO
You must test your SSO connection before enabling this checkbox
- Enable SSO for Groups
You must test your SSO connection before enabling this checkbox

Cancel

10. Select the **Open Test Window** button to open a new browser tab to test the integration by logging in to your IdP:

You must test your SSO integration by logging into your provider before enabling it.

SSO Connection Status and Controls

- Enable log-ins with my SSO
You must test your SSO connection before enabling this checkbox
- Enable SSO for Groups
You must test your SSO connection before enabling this checkbox

Cancel

11. In the new tab, authorize CloudZero's request to connect to your account.

- When the test is successful, the tab closes, and the integration details page in CloudZero displays a modal with the message **Connection test successful!**. Select **Close** to close the modal.
- In the **SSO Connection Status and Controls** section, check the **Enable log-ins with my SSO** box.
- Optionally, check the **Enable SSO for Groups** box to allow your IdP to manage your roles. See [Manage Roles with SSO](#) for more information.

SSO Connection Status and Controls

Enable log-ins with my SSO
You must test your SSO connection before enabling this checkbox

Enable SSO for Groups
You must test your SSO connection before enabling this checkbox

Cancel **Enable**

- Select **Enable**.

! Selecting **Enable** will immediately activate the SSO integration. If you need to disable this integration, email the team at support@cloudzero.com.

- Scroll back up to the **General Configuration** section and copy the **Bookmark URL**. It will follow this format: `https://app.cloudzero.com/?connection=<your-connection-name>`

Bookmark URL `https://app.cloudzero.com/?connection=` Click to copy

Save this URL as a bookmark in your browser for quick, seamless access to CloudZero using your SSO credentials

Step 3: Complete the Configuration in Okta

- In **Okta**, return to the application settings page and paste the bookmark URL you copied into the **Initiate login URI** field, which is in the **LOGIN** section of the **General** tab.

LOGIN

Sign-in redirect URIs ? Allow wildcard * in login URI redirect.

`https://auth.cloudzero.com/login/callback` ×

+ Add URI

Sign-out redirect URIs ? ×

[+ Add URI](#)

Login initiated by

Application visibility Display application icon to users

Login flow Redirect to app to initiate login (OIDC Compliant)
 Send ID Token directly to app (Okta Simplified)

Initiate login URI  

2. Select **Save** in Okta.

Users can now log in to CloudZero by selecting the applicable tile in their Okta dashboard.

 Updated 26 days ago

[← Authentication](#)

[SSO with Microsoft Entra ID \(Azure AD\) →](#)

Did this page help you? Yes No