

Why choose SDS Manager

How to set up Single Sign-On (SSO) with Okta for SDS Manager

Overview

This guide creates a **SAML 2.0** app integration in **Okta** and connects it to **SDS Manager - Inventory**.

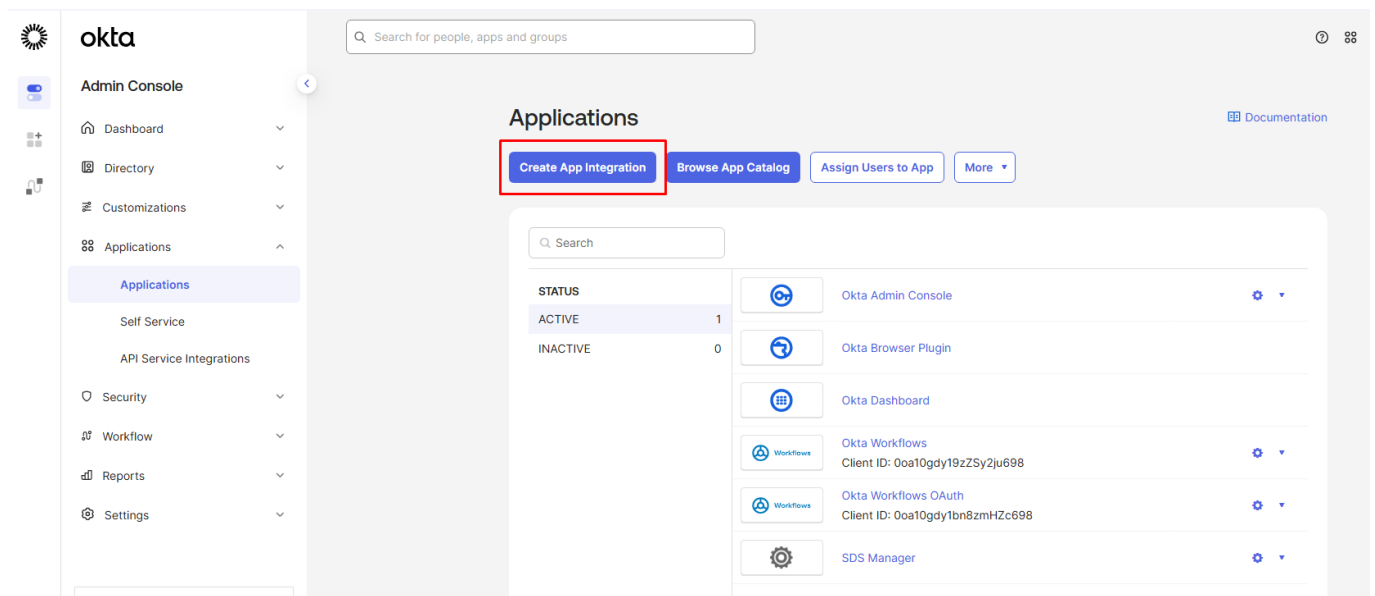
Prerequisites

- You have **Okta** Admin access.
- You have **SDS Manager** admin access to configure SSO in SDS Manager.

A) Configure Okta (Identity Provider)

1) Create a new SAML app integration

1. In **Okta Admin Console** go to **Applications** → **Applications** → **Create App Integration**.
2. Choose **SAML 2.0**.



Why choose SDS Manager

Create a new app integration

Sign-in method

[Learn More](#)

- OIDC - OpenID Connect**
Token-based OAuth 2.0 authentication for Single Sign-On (SSO) through API endpoints. Recommended if you intend to build a custom app integration with the Okta Sign-In Widget.
- SAML 2.0**
XML-based open standard for SSO. Use if the Identity Provider for your application only supports SAML.
- SWA - Secure Web Authentication**
Okta-specific SSO method. Use if your application doesn't support OIDC or SAML.
- API Services**
Interact with Okta APIs using the scoped OAuth 2.0 access tokens for machine-to-machine authentication.

[Cancel](#) [Next](#)

2) General Settings

1. Enter an **App name** (optionally upload a logo).
2. Click **Next**.



Create SAML Integration

1 General Settings 2 Configure SAML 3 Feedback

1 General Settings

Enter the application name here (e.g. SDS Manager)

App name

App logo (optional)  

App visibility Do not display application icon to users

[Cancel](#) [Next](#)

3) Configure SAML (initial pass)

- **Single sign-on URL:** https://inventory.sdsmanager.com/saml2_auth/acs/
- **Audience URI (SP Entity ID):** temporary value (you will update this after Okta generates the App ID)

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- **Default RelayState:** <http://inventory.sdsmanager.com/sso-login/>
- **Name ID format:** EmailAddress
- **Application username:** Email (usually)

Click **Next**.

Edit SAML Integration

1 General Settings 2 **Configure SAML** 3 Feedback

A SAML Settings

1 We found some errors. Please review the form and make corrections.

General

Single sign-on URL Use this for Recipient URL and Destination URL

Audience URI (SP Entity ID)

Default RelayState
If no value is set, a blank RelayState is sent

Name ID format

Application username

Update application username on

[Show Advanced Settings](#)

What does this form do?
This form generates the XML needed for the app's SAML request.

Where do I find the info this form needs?
The app you're trying to integrate with should have its own documentation on using SAML. You'll need to find that doc, and it should outline what information you need to specify in this form.

4) Feedback

- Select **This is an internal app that we have created.**
- Click **Finish.**

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Edit SAML Integration

1 General Settings 2 Configure SAML 3 Feedback

3 Help Okta Support understand how you configured this application

1 The optional questions below assist Okta Support in understanding your app integration.

App type This is an internal app that we have created

Previous Finish

Why are you asking me this?
This form provides Okta Support with useful background information about your app. Thank you for your help—we appreciate it.

B) Get the Okta App ID and update the Audience URI

5) Copy the Okta App ID from Metadata URL

1. Open the new app in Okta.
2. Go to **Sign On** and find **Metadata URL** (or “View SAML setup instructions”).
3. Copy the ID between /app/ and /sso/.

Example Metadata URL:

- <https://app/exk10gdvzhvZbcyl2698/sso/saml/metadata>
- App ID = exk10gdvzhvZbcyl2698

Why choose SDS Manager

The screenshot shows the SDS Manager web interface. At the top, there is a gear icon, the text 'SDS Manager', and a status 'Active' with a dropdown arrow. To the right are links for 'View Logs' and 'Monitor Imports'. Below this is a navigation bar with tabs for 'General', 'Sign On', 'Import', and 'Assignments'. The 'Sign On' tab is selected. The main content area is titled 'Settings' and has an 'Edit' link. Under 'Sign on methods', there is a description of sign-on methods and a link to 'Configure profile mapping'. The 'SAML 2.0' method is selected. A table shows 'Default Relay State' as 'http://inventory.sdsmanager.com/sso-login/'. Under 'Metadata details', the 'Metadata URL' is 'https://trial-1543710.okta.com/app/exk10gdvzhvZbcyl2698/saml/metadata', which is highlighted with a red box and has a 'Copy' button below it. A 'More details' link is at the bottom left of the settings panel. On the right side, there is an 'About' section explaining SAML 2.0, an 'Application Username' section with instructions, and a 'SAML Setup' section.

6) Update Audience URI (SP Entity ID)

1. Go to **General** → **SAML Settings** → **Edit** (or **Sign On** → **Edit SAML settings**).
2. Continue to **Configure SAML**.
3. Set:


- **Audience URI (SP Entity ID):** spn:

Example:


- spn:exk10gdvzhvZbcyl2698

Save.

Why choose SDS Manager



SDS Manager

Active  [View Logs](#) [Monitor Imports](#)

General | [Sign On](#) | [Import](#) | [Assignments](#)

App Settings [Edit](#)

| | |
|---------------------------------|---|
| Application label | SDS Manager |
| Application visibility | <input type="checkbox"/> Do not display application icon to users |
| Provisioning | <input checked="" type="radio"/> None <input type="radio"/> On-Premises Provisioning <input type="radio"/> SCIM |
| Auto-launch | <input type="checkbox"/> Auto-launch the app when user signs into Okta. |
| Application notes for end users | |
| Application notes for admins | |

SAML Settings [Edit](#)

GENERAL

| | |
|--------------------|---|
| Single Sign On URL | https://inventory.sdsmanager.com/saml2_auth/acs/ |
| Recipient URL | https://inventory.sdsmanaqer.com/saml2_auth/acs/ |

General Settings

All fields are required unless marked optional. Some fields may no longer be editable.

On-Premises Provisioning

On-premises provisioning allows you to provision users to your on-premises applications.


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Edit SAML Integration


1 General Settings 2 Configure SAML 3 Feedback


A SAML Settings


General

Single sign-on URL 
 Use this for Recipient URL and Destination URL

Audience URI (SP Entity ID) 

Default RelayState 
If no value is set, a blank RelayState is sent

Name ID format 

Application username 

Update application username on

[Show Advanced Settings](#)

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C) Add attribute statements (required)

In the app's SAML settings, add these **Attribute Statements**:



- **emailAddress** = user.profile.email


Save.

Attribute statements

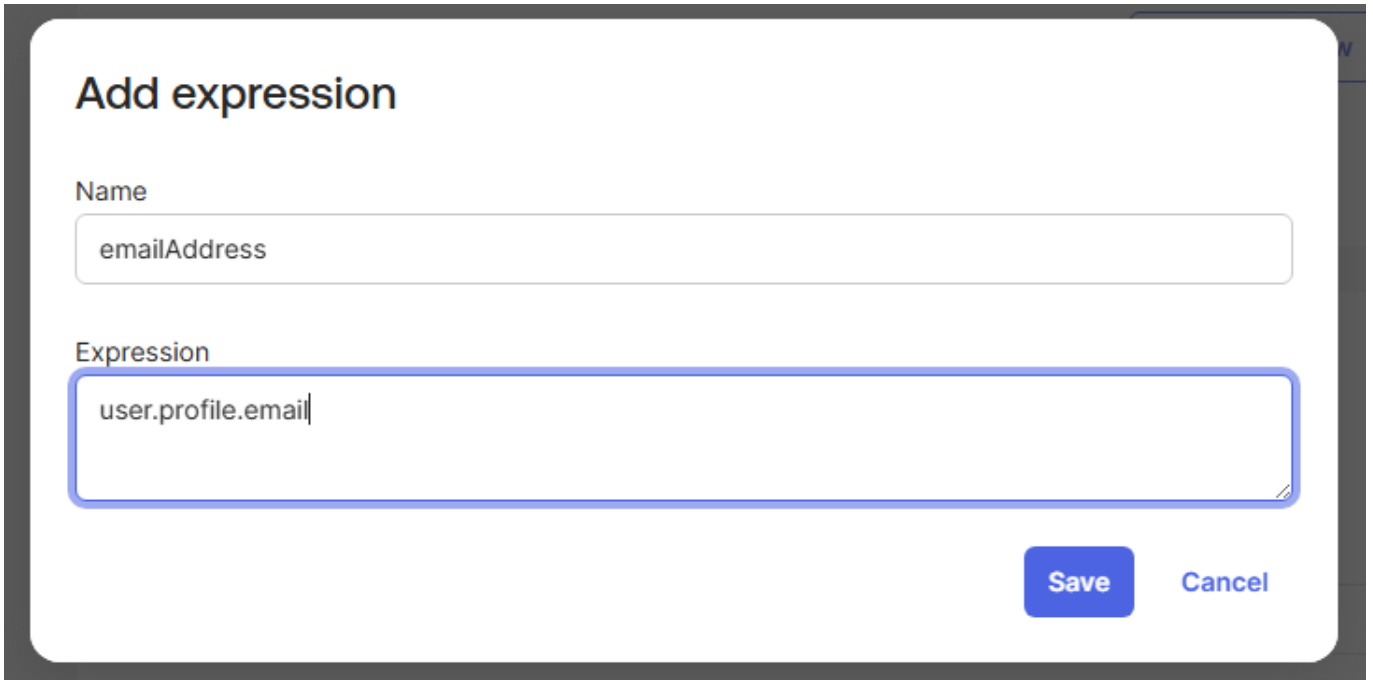
Learn more about configuring [attribute statements](#) 

[Add expression](#)

| Name | Expression | Actions |
|--------------|--------------------|---|
| emailAddress | user.profile.email |   |

[Show legacy configuration](#) 

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Add expression

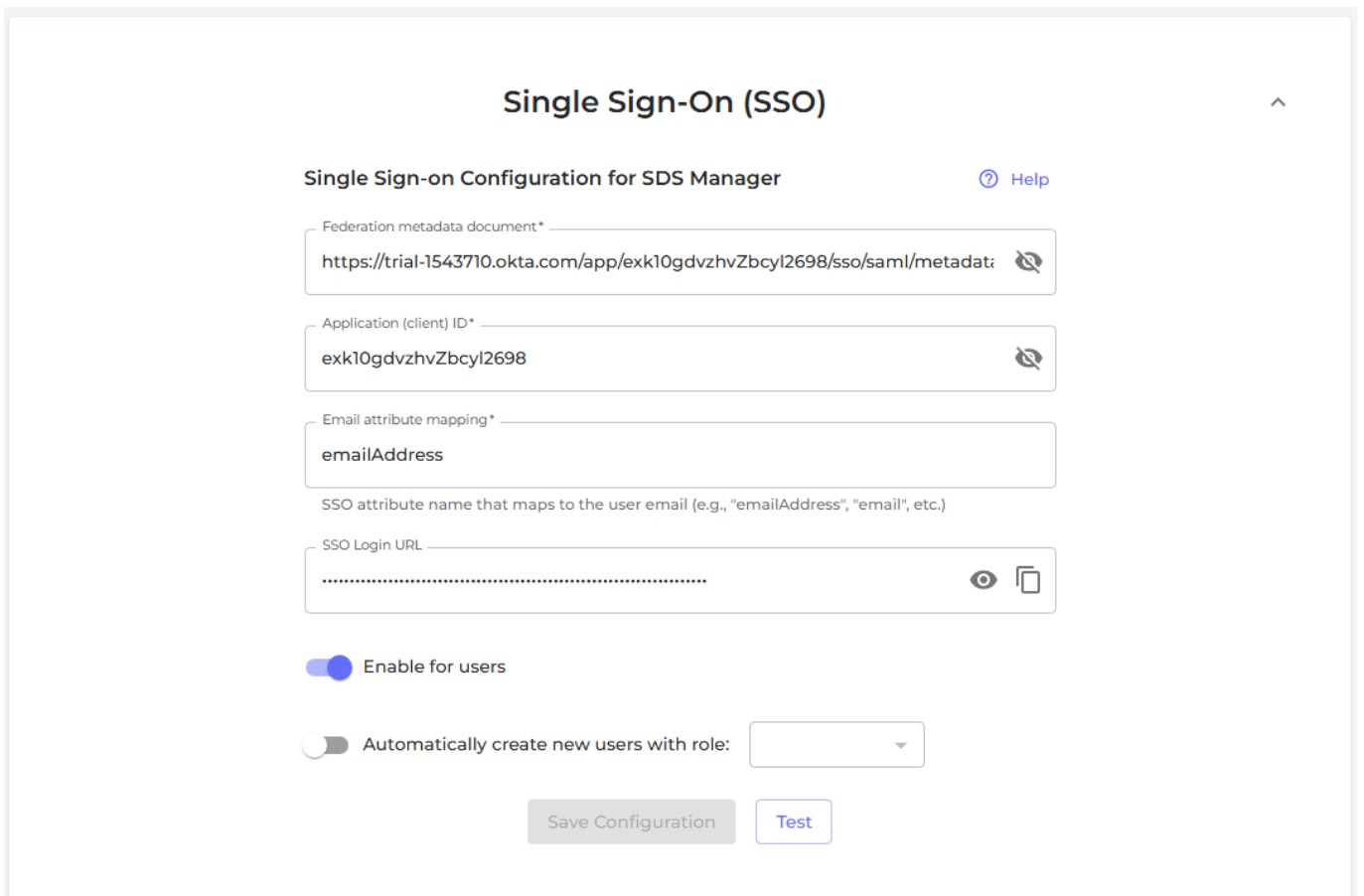
Name
emailAddress

Expression
user.profile.email

Save Cancel

D) Configure SDS Manager

In **SDS Manager** → **Settings** → **Single Sign-On (SSO)**, enter the IdP details from Okta (Issuer/SSO URL/Certificate) and save.



Single Sign-On (SSO)

Single Sign-on Configuration for SDS Manager [Help](#)

Federation metadata document*
https://trial-1543710.okta.com/app/exk10gdvzhvZbcyl2698/sso/saml/metadat

Application (client) ID*
exk10gdvzhvZbcyl2698

Email attribute mapping*
emailAddress

SSO attribute name that maps to the user email (e.g., "emailAddress", "email", etc.)
emailAddress

SSO Login URL
.....

Enable for users

Automatically create new users with role:

Save Configuration Test

E) Add the SDS Manager embed link to the Okta app

Go to **Okta** → **Applications** → **Applications** → **General** → **SAML Settings**, then enter the SSO Login URL you received from the SDS Manager app into the **Default Relay State** field.

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The screenshot shows the Okta Admin Console interface. On the left, the 'Applications' menu item is highlighted with a red box. The main content area displays the 'SAML Settings' for an application, with the 'Default Relay State' field highlighted by a red box and a red arrow pointing to it. The 'Default Relay State' value is `https://inventory.sdsmanager.com/sso/login?app_id=exk11ny0vmhiCels5698`.

| SAML Settings | |
|----------------------|--|
| GENERAL | |
| Single Sign On URL | https://inventory.sdsmanager.com/saml2_auth/acs/ |
| Recipient URL | https://inventory.sdsmanager.com/saml2_auth/acs/ |
| Destination URL | https://inventory.sdsmanager.com/saml2_auth/acs/ |
| Audience Restriction | spn:exk11ny0vmhiCels5698 |
| Default Relay State | https://inventory.sdsmanager.com/sso/login?app_id=exk11ny0vmhiCels5698 |
| Name ID Format | EmailAddress |
| Response | Signed |
| Assertion Signature | Signed |
| Signature Algorithm | RSA_SHA256 |

Unique solution ID: #5105

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