



ComponentSpace

ComponentSpace

SAML v2.0

Okta

Integration Guide

Contents

Introduction	1
Adding a SAML Application	1
Service Provider Configuration	8
SP-Initiated SSO.....	9
IdP-Initiated SSO	11
SAML Logout	13

Introduction

This document describes integration with Okta as the identity provider.

For information on configuring Okta for SAML SSO, refer to the following articles.

<https://developer.okta.com/standards/SAML/index>

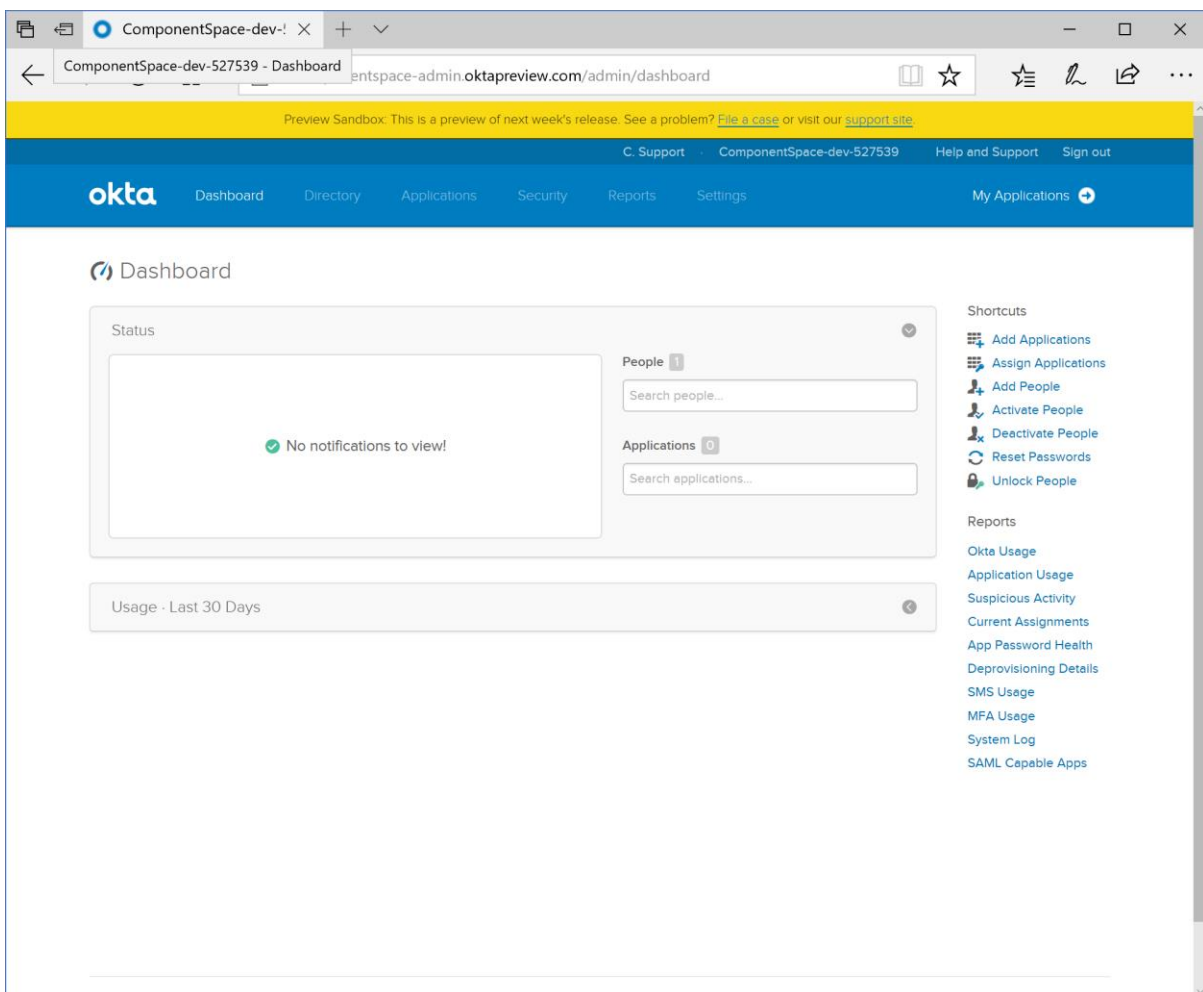
https://developer.okta.com/standards/SAML/setting_up_a_saml_application_in_okta

Adding a SAML Application

Login into Okta as an administrator.

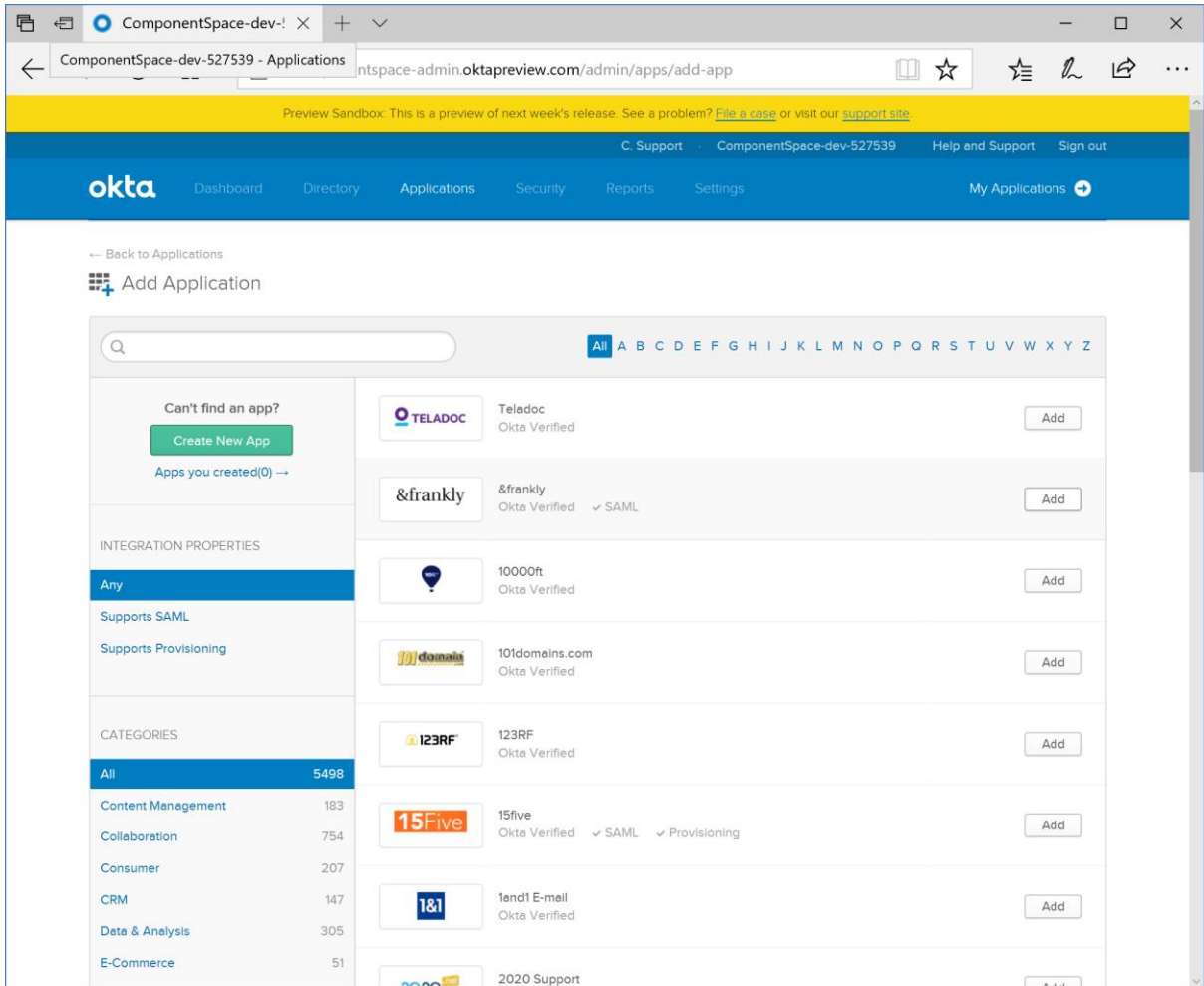
Note that the developer edition of Okta was used for testing.

Click the Admin link and the Add Applications shortcut.



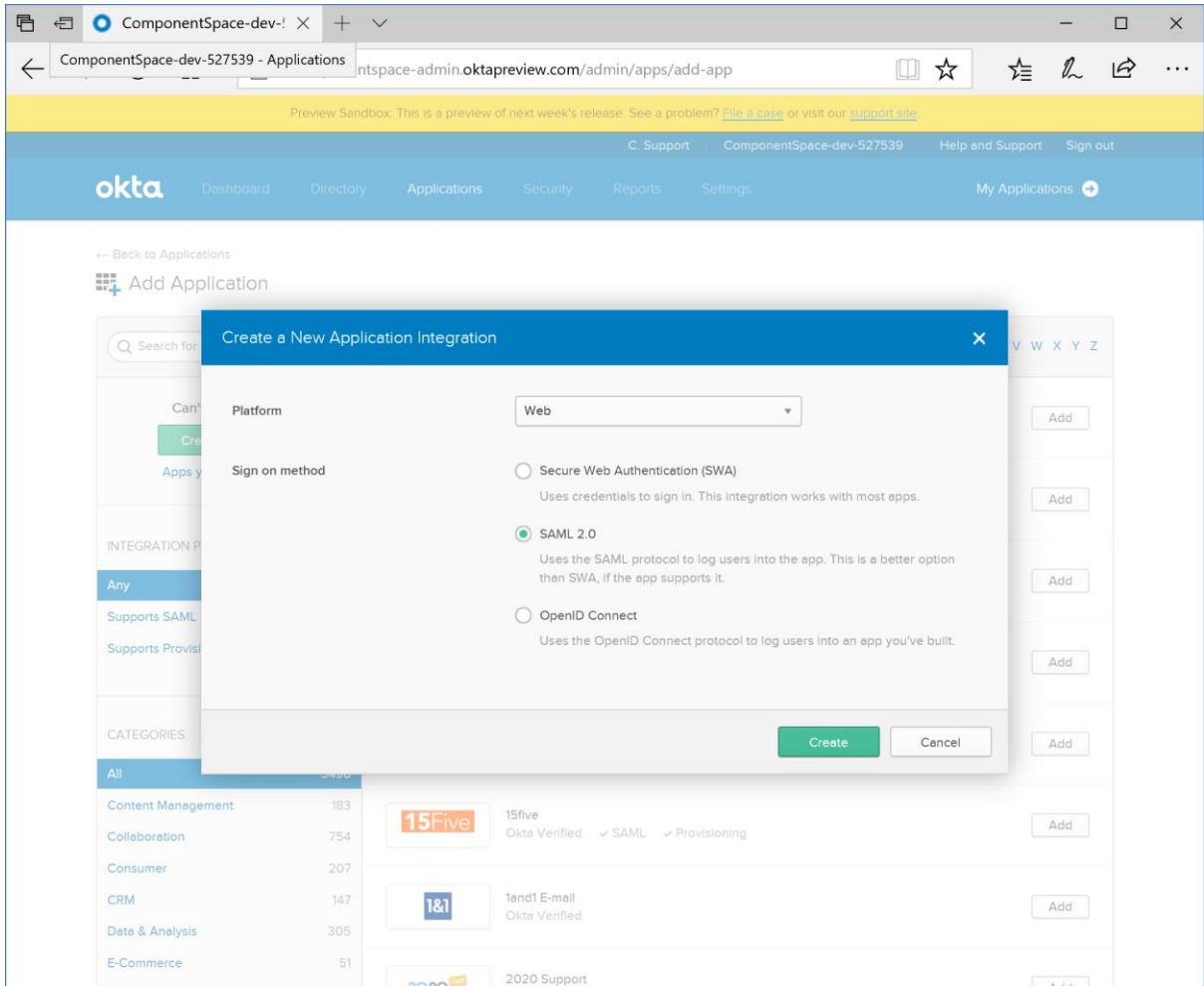
Click the Create New App button.

ComponentSpace SAML v2.0 Okta Integration Guide



Specify SAML 2.0 as the sign-on method.

ComponentSpace SAML v2.0 Okta Integration Guide



Specify an app name. This is for display purposes only.

ComponentSpace SAML v2.0 Okta Integration Guide

The screenshot shows the Okta Admin console interface for creating a SAML integration. The browser address bar shows the URL: `oktapreview.com/admin/apps/saml-wizard/create`. The page title is "Create SAML Integration". A progress bar at the top indicates three steps: 1. General Settings (active), 2. Configure SAML, and 3. Feedback. The "General Settings" section includes:

- App name:** A text input field containing "ExampleServiceProvider".
- App logo (optional):** A placeholder box with a gear icon, a "Browse.." button, and an "Upload Logo" button.
- App visibility:** Two checkboxes:
 - Do not display application icon to users
 - Do not display application icon in the Okta Mobile app

At the bottom of the form are "Cancel" and "Next" buttons. The footer contains copyright information: "© 2017 Okta, Inc. Privacy Version 2017.42 Preview Cell 1 Trust site" and a "Feedback" link.

Specify the assertion consumer service URL as the single sign-on URL.

For example:

<https://localhost:44360/SAML/AssertionConsumerService>

Specify the service provider name as the audience URI.

For example:

<https://ExampleServiceProvider>

Relay state is not required.

The name ID format is unspecified.

The Okta user name is used.

Attribute and group attribute names are not required.

ComponentSpace SAML v2.0 Okta Integration Guide

The screenshot shows the 'SAML Settings' form in the Okta admin console. The form is divided into several sections:

- GENERAL:** Contains fields for 'Single sign on URL' (with a help icon), 'Audience URI (SP Entity ID)', 'Default RelayState', 'Name ID format', and 'Application username'. There are also checkboxes for 'Use this for Recipient URL and Destination URL' and 'Allow this app to request other SSO URLs'. A 'Show Advanced Settings' link is located at the bottom right of this section.
- ATTRIBUTE STATEMENTS (OPTIONAL):** Includes a table with columns for 'Name', 'Name format (optional)', and 'Value'. An 'Add Another' button is below the table. A 'LEARN MORE' link is on the right.
- GROUP ATTRIBUTE STATEMENTS (OPTIONAL):** Includes a table with columns for 'Name', 'Name format (optional)', and 'Filter'. A 'Starts with' dropdown is visible in the filter column.

On the right side of the form, there is a 'What does this form do?' section explaining that the form generates XML for SAML requests. Below that is a 'Where do I find the info this form needs?' section advising to consult the app's documentation. At the bottom right, there is an 'Okta Certificate' section with a 'Download Okta Certificate' button.

Click the Show Advanced Settings link.

Enable single logout.

Specify the single logout URL.

For example:

<https://localhost:44360/SAML/SingleLogoutService>

Specify the SP issuer. This is the name of the service provider.

For example:

<https://ExampleServiceProvider>

Upload the service provider certificate.

For example:

Sp.cer

ComponentSpace SAML v2.0 Okta Integration Guide

The screenshot shows the 'Create SAML Application' wizard in the Okta admin console. The browser address bar shows 'ComponentSpace-admin.oktapreview.com/admin/apps/saml-wizard/create'. The page is titled 'ComponentSpace-dev-527539 - Applications'. A 'Hide Advanced Settings' link is visible in the top right.

The configuration fields are as follows:

- Response: Signed
- Assertion Signature: Signed
- Signature Algorithm: RSA-SHA256
- Digest Algorithm: SHA256
- Assertion Encryption: Unencrypted
- Enable Single Logout: Allow application to initiate Single Logout
- Single Logout URL:
- SP Issuer:
- Signature Certificate:
- Authentication context class: PasswordProtectedTransport
- Honor Force Authentication: Yes
- SAML Issuer ID:

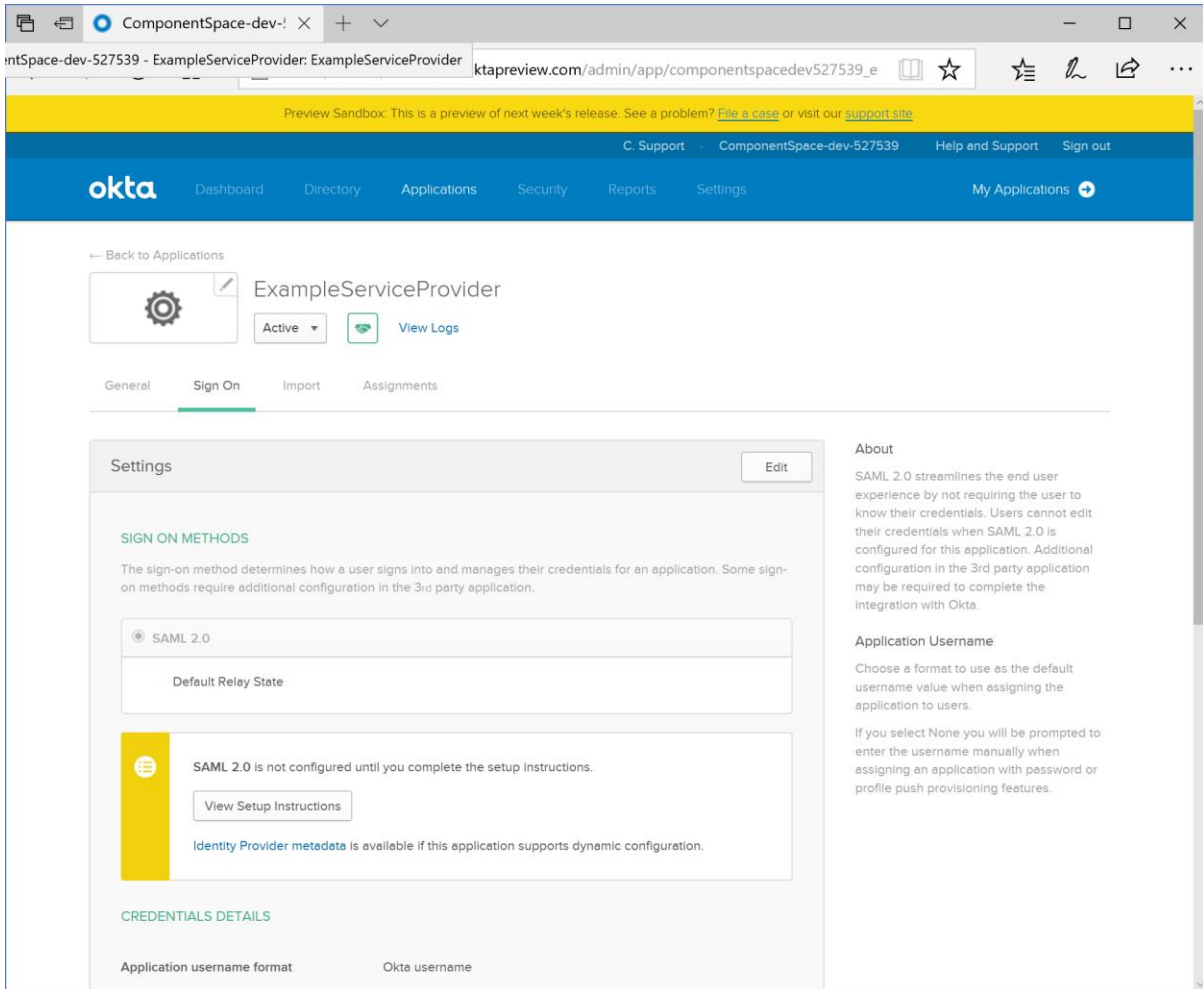
Below the main settings is the 'ATTRIBUTE STATEMENTS (OPTIONAL)' section with a 'LEARN MORE' link. It contains a table with columns for Name, Name format (optional), and Value. One row is present with 'Unspecified' as the Name format. An 'Add Another' button is located below the table.

Name	Name format (optional)	Value
<input type="text"/>	Unspecified	<input type="text"/>

Click the Next and Finish buttons.

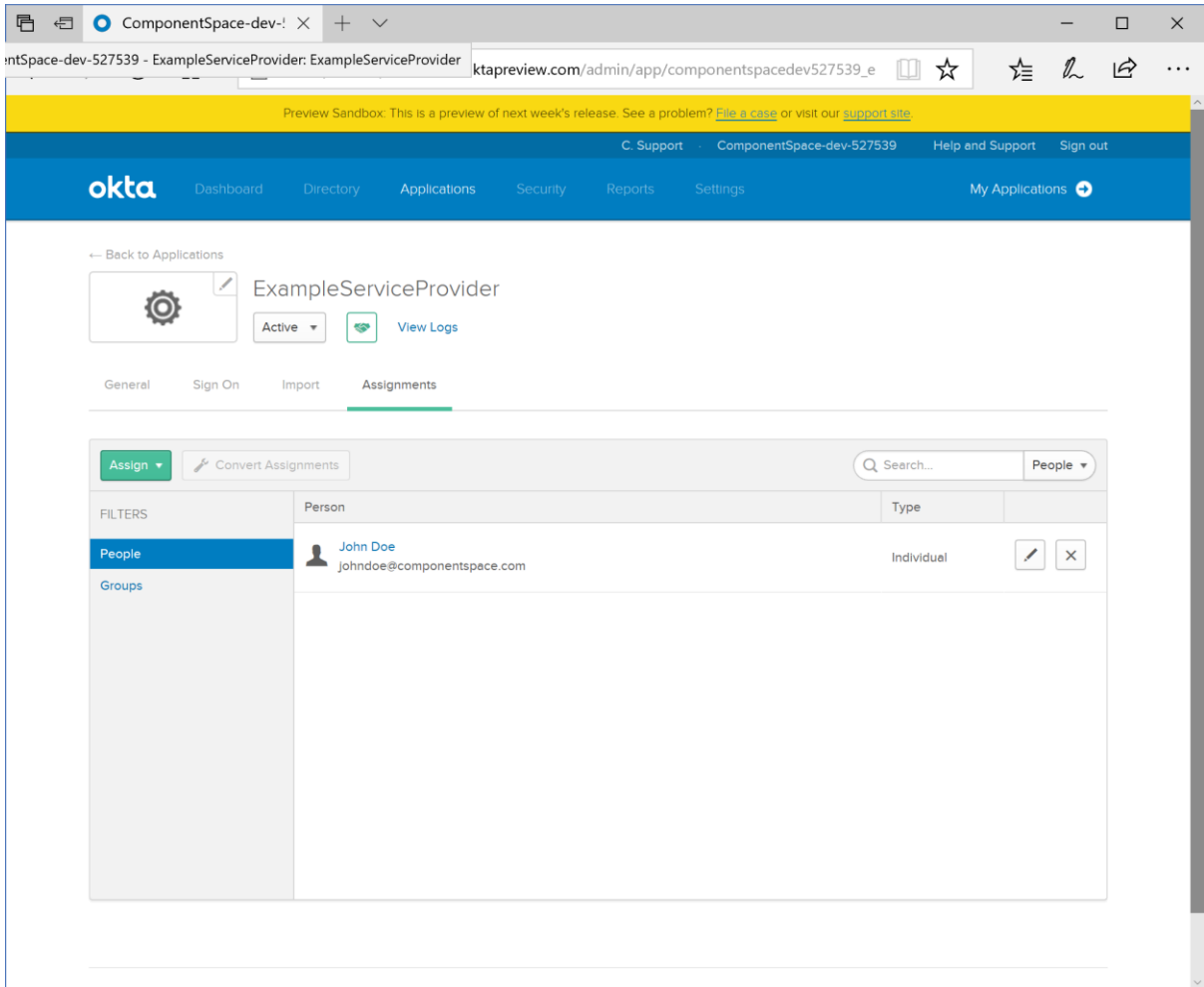
View the setup instructions or download the identity provider metadata. This information will be required when configuring the service provider.

ComponentSpace SAML v2.0 Okta Integration Guide



Assign users to the application.

ComponentSpace SAML v2.0 Okta Integration Guide



Service Provider Configuration

The following partner identity provider configuration is included in the example service provider's SAML configuration.

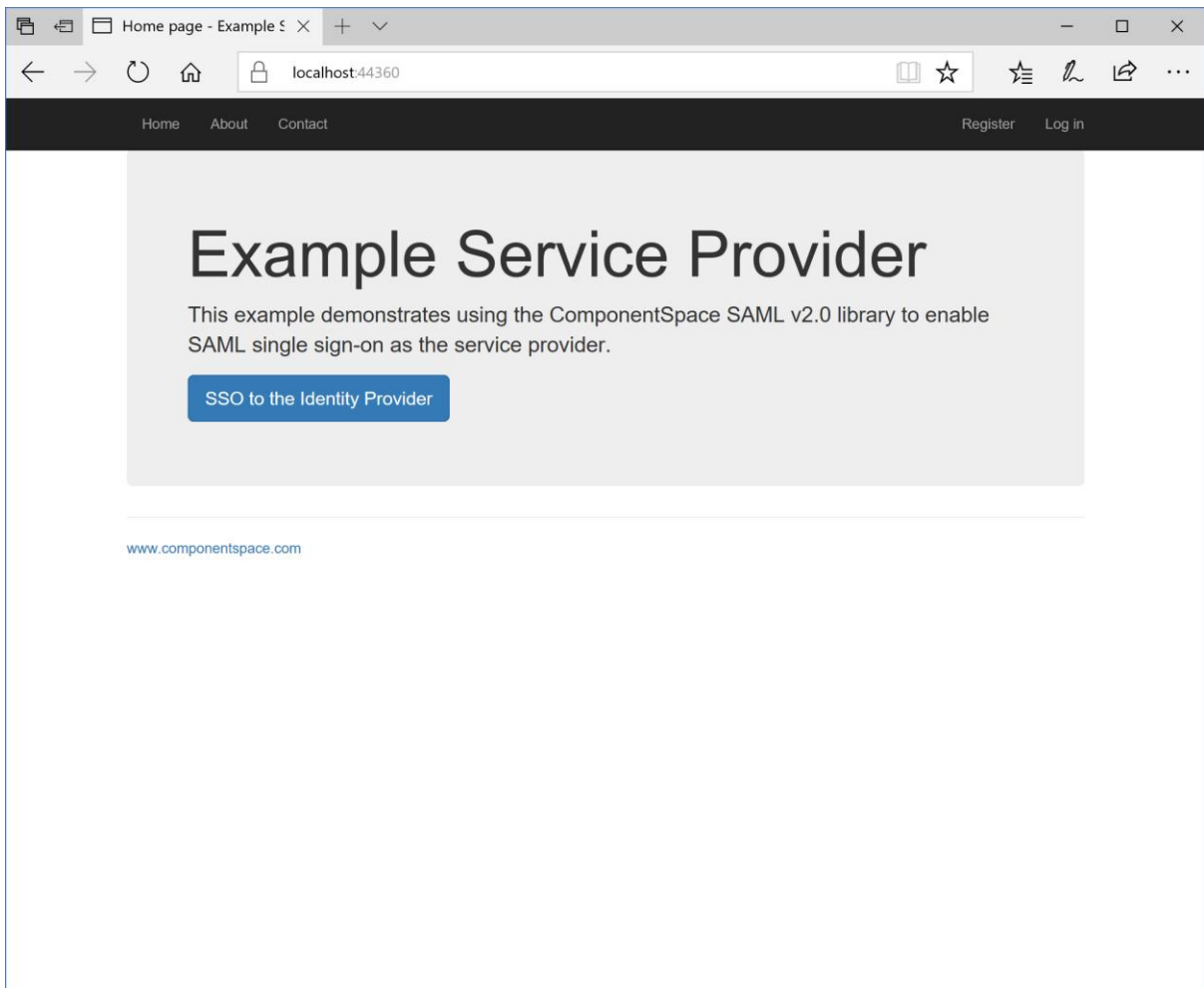
```
{
  "Name": "http://www.okta.com/exkch8syaa6hDqAJQ0h7",
  "Description": "Okta",
  "SignAuthnRequest": true,
  "SignLogoutRequest": true,
  "SignLogoutResponse": true,
  "SingleSignOnServiceUrl":
  "https://componentspace.oktapreview.com/app/componentspacedev527539_exampleservicepro
  vider_4/exkch8syaa6hDqAJQ0h7/sso/saml",
  "SingleLogoutServiceUrl":
  "https://componentspace.oktapreview.com/app/componentspacedev527539_exampleservicepro
  vider_4/exkch8syaa6hDqAJQ0h7/slo/saml",
  "PartnerCertificates": [
    {
      "FileName": "certificates/okta.cer"
    }
  ]
}
```

Ensure the PartnerName specifies the correct partner identity provider.

```
"PartnerName": "http://www.okta.com/exkch8syaa6hDqAJQ0h7"
```

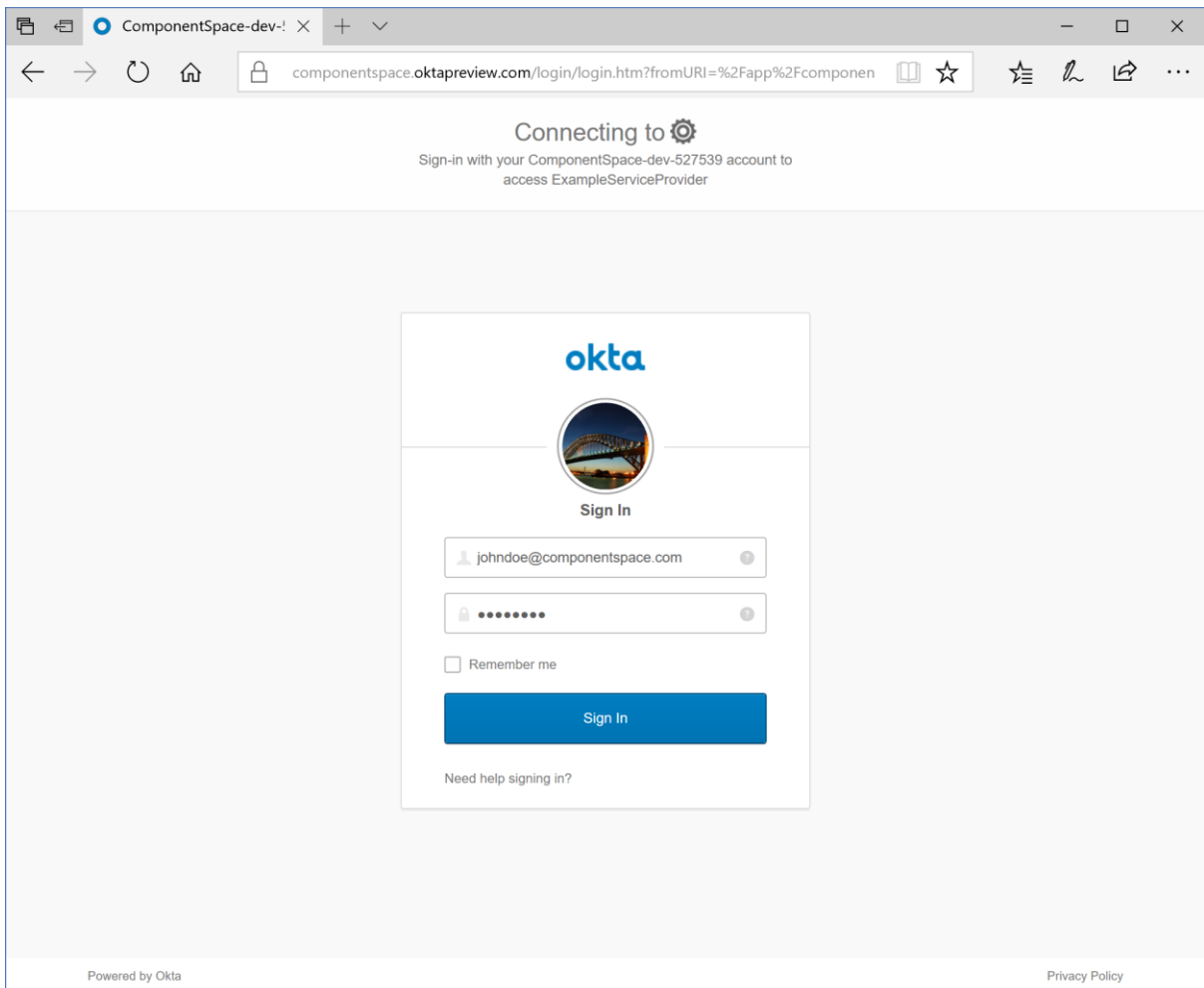
SP-Initiated SSO

Browse to the example service provider and click the button to SSO to the identity provider.

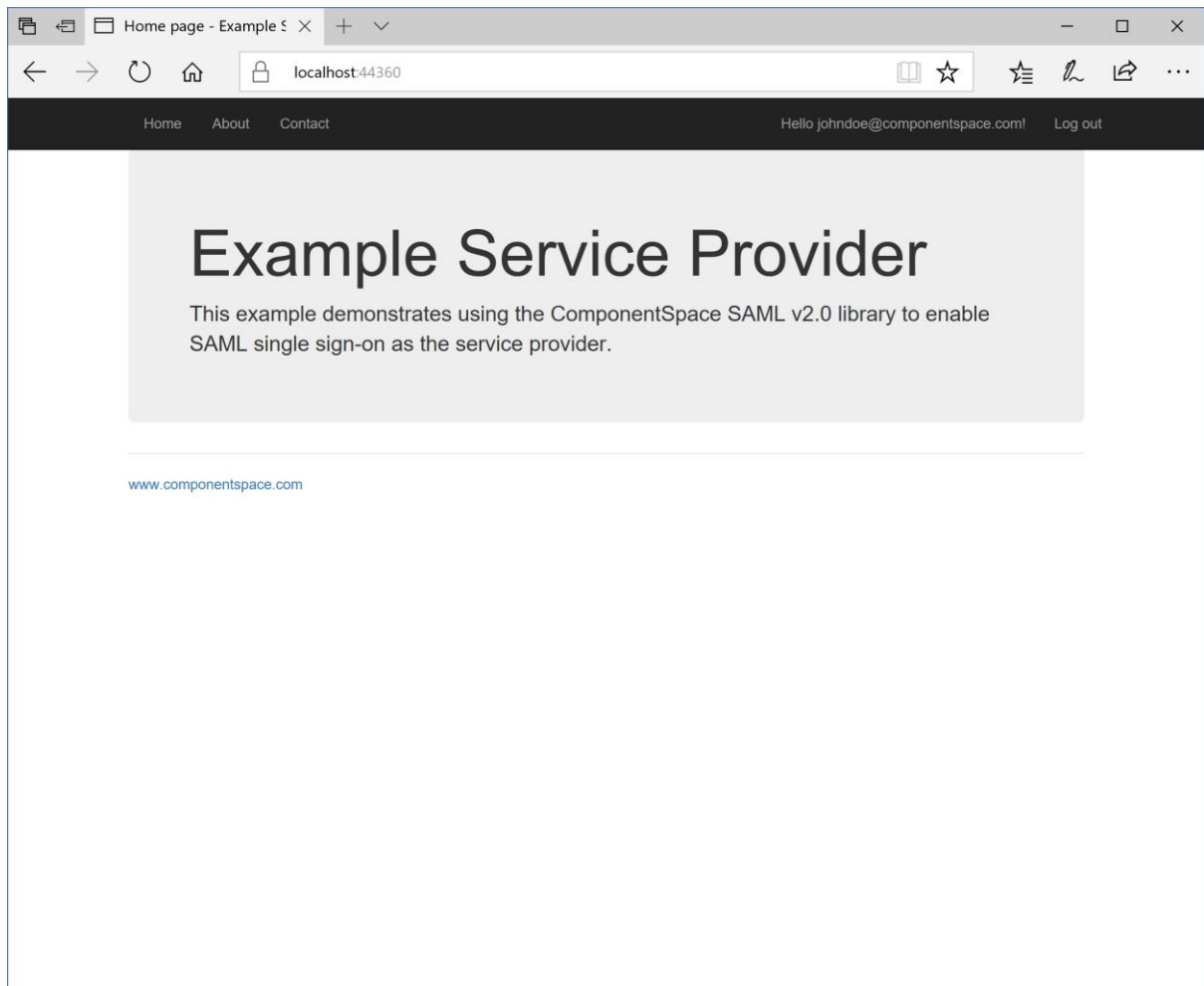


Log into Okta.

ComponentSpace SAML v2.0 Okta Integration Guide



The user is automatically logged in at the service provider.

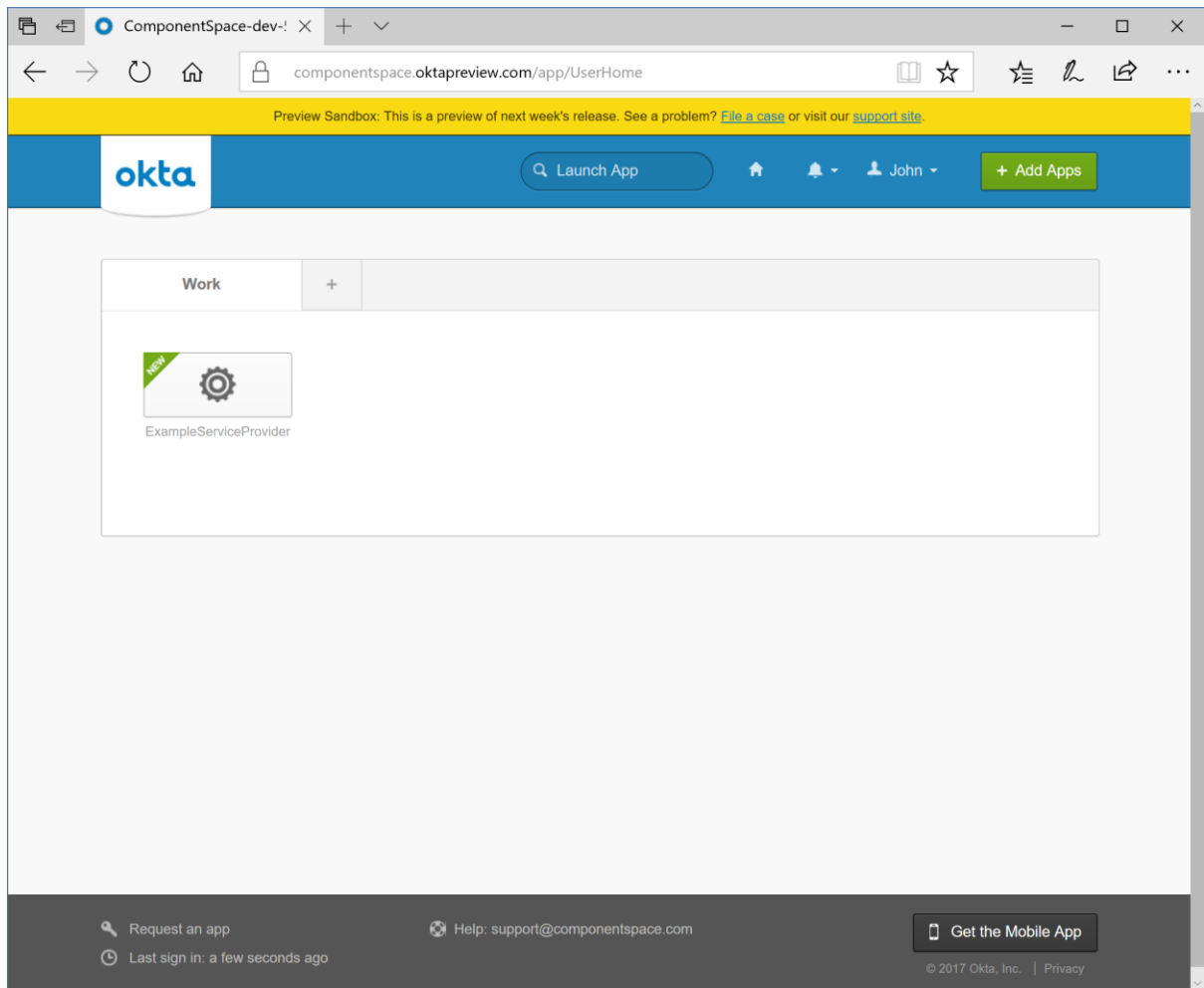


IdP-Initiated SSO

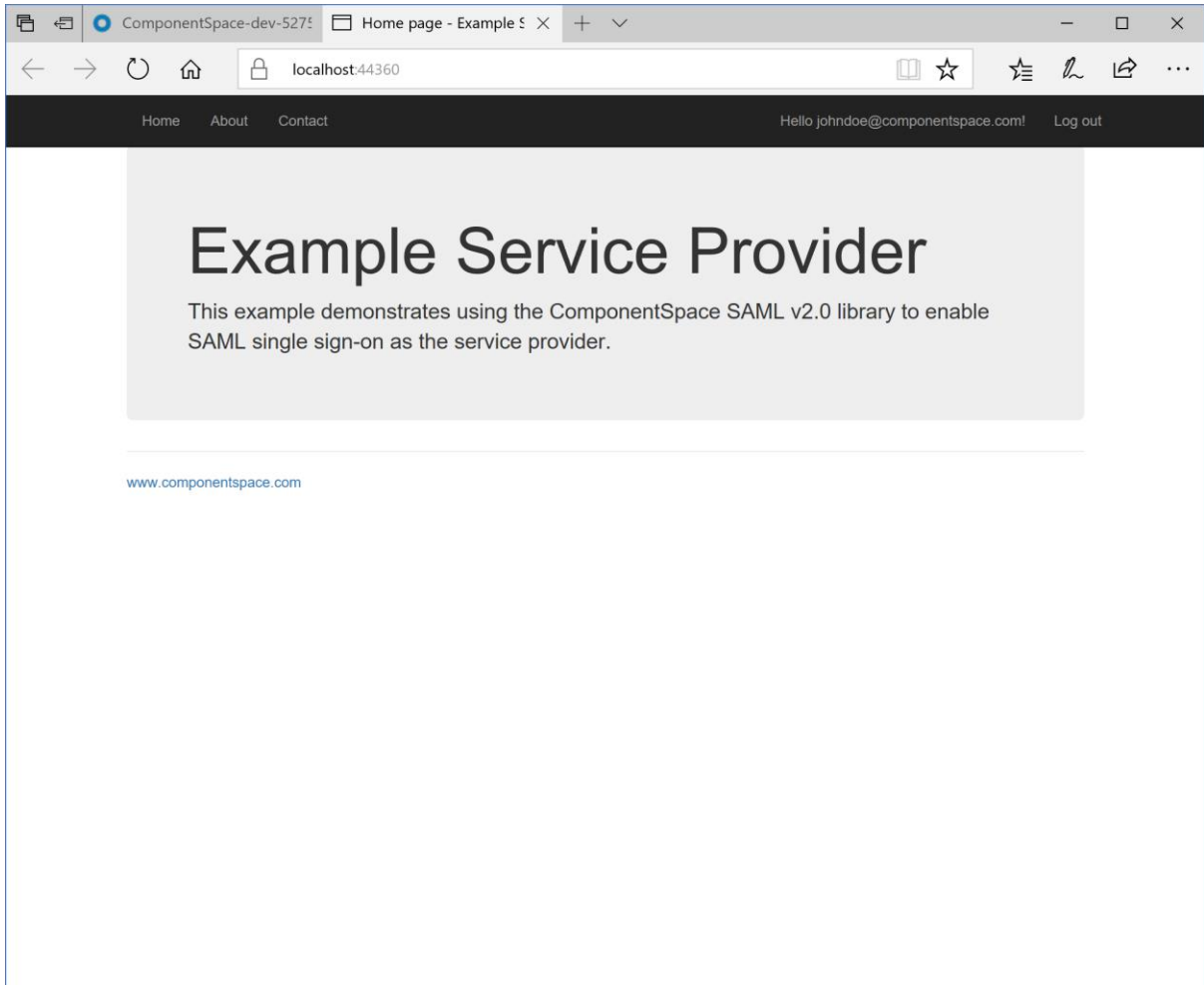
Log into Okta.

Click the ExampleServiceProvider button.

ComponentSpace SAML v2.0 Okta Integration Guide



The user is automatically logged in at the service provider.



SAML Logout

Okta supports SP-initiated SAML logout only.

If logged into a service provider and the user logs out from Okta, no SAML logout request is sent to the service provider.