



ComponentSpace

SAML for ASP.NET Core

PingOne

Integration Guide

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Introduction

This document describes integration with PingOne as the identity provider.

For information on configuring PingOne for SAML SSO, refer to the following article.

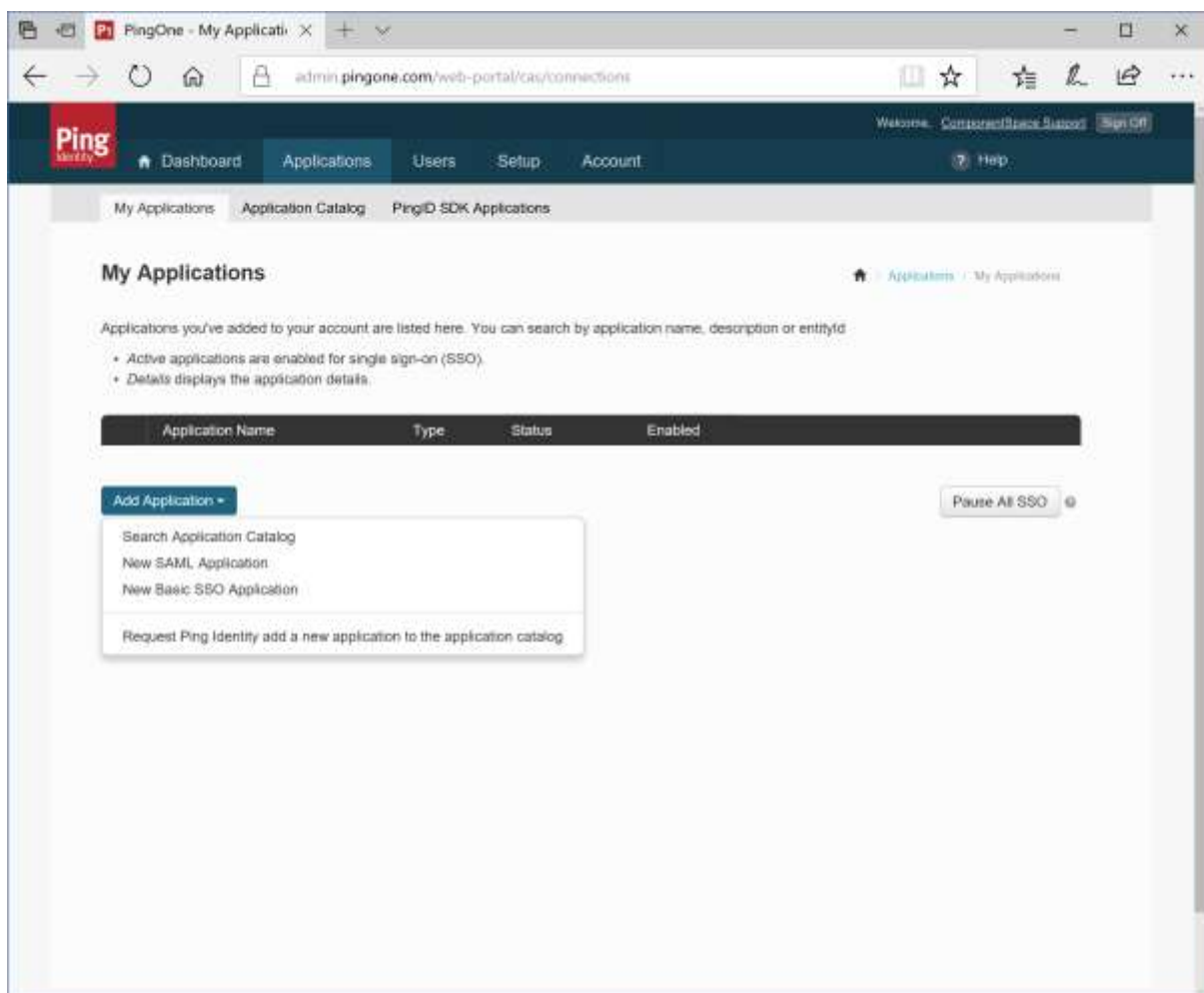
<https://documentation.pingidentity.com/pingone/employeeSsoAdminGuide/index.shtml#adminOverview.html>

Adding a SAML Application

Login into PingOne as an administrator.

<https://admin.pingone.com>

Click the Applications > Add Application > New SAML Application.



Specify the application name, description and category. These are for display purposes only.

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The screenshot shows a web browser window with the URL `admin.pingone.com/web-portal/cas/connections`. The page displays a table with columns: Application Name, Type, Status, and Enabled. The first row shows 'New Application', 'SAML', 'Incomplete', and a 'No' button. Below the table is the '1. Application Details' section, which includes:

- Application Name:** ExampleServiceProvider
- Application Description:** ComponentSpace example service provider (with a note 'Max 100 characters')
- Category:** Other
- Graphics:** Application Icon (For use on the dock) with a 'Change' button (with a note 'Max Size: 200px x 200px')

At the bottom of the form, there is a 'NEXT: Application Configuration' label and two buttons: 'Cancel' and 'Continue to Next Step'.

Click Continue to Next Step.

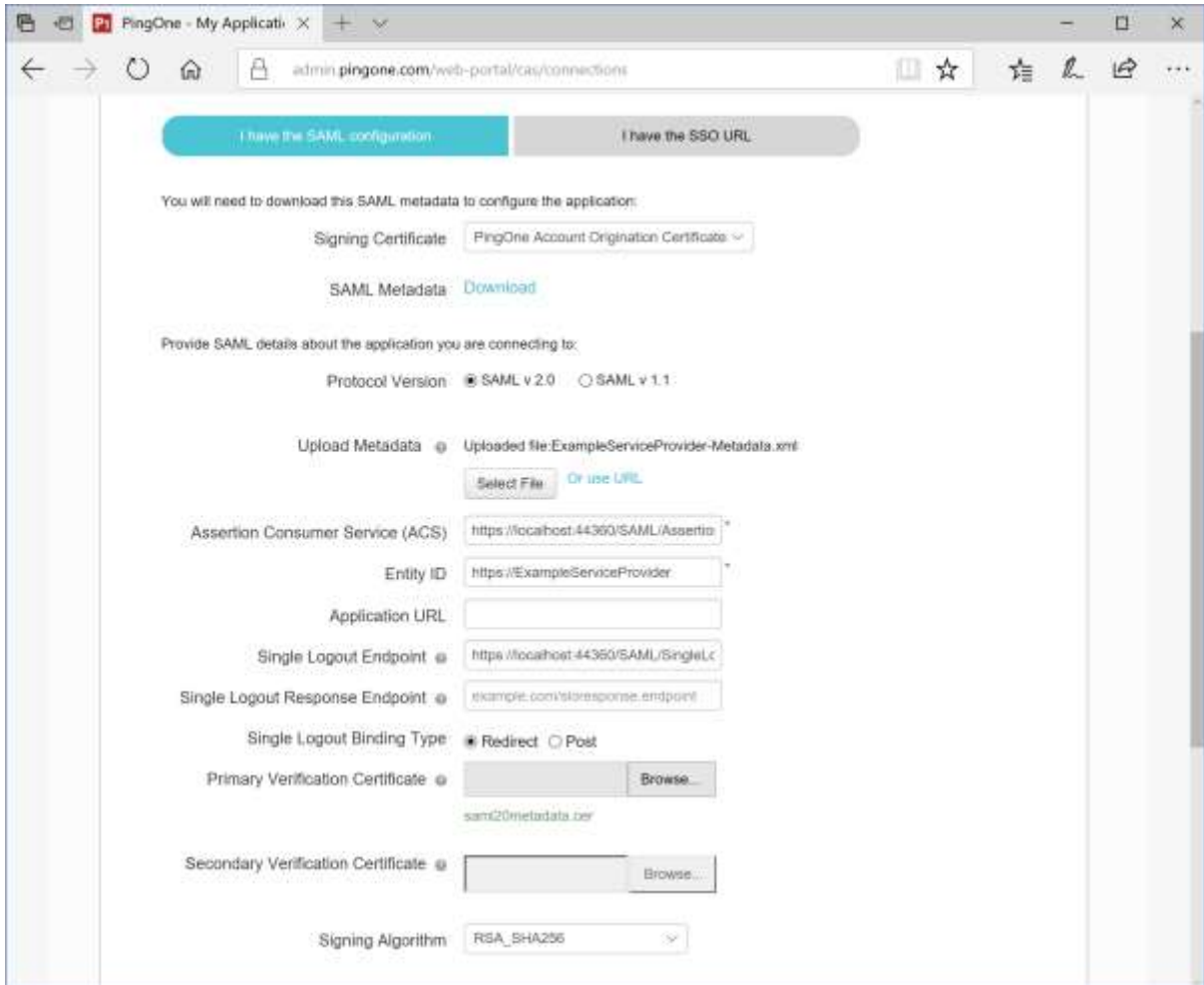
Click the Download link to download the identity provider metadata. This information will be required when configuring the service provider.

Click the Select File button to upload the service provider metadata.

Alternatively, manually enter the SAML configuration settings.

Click Continue to Next Step.

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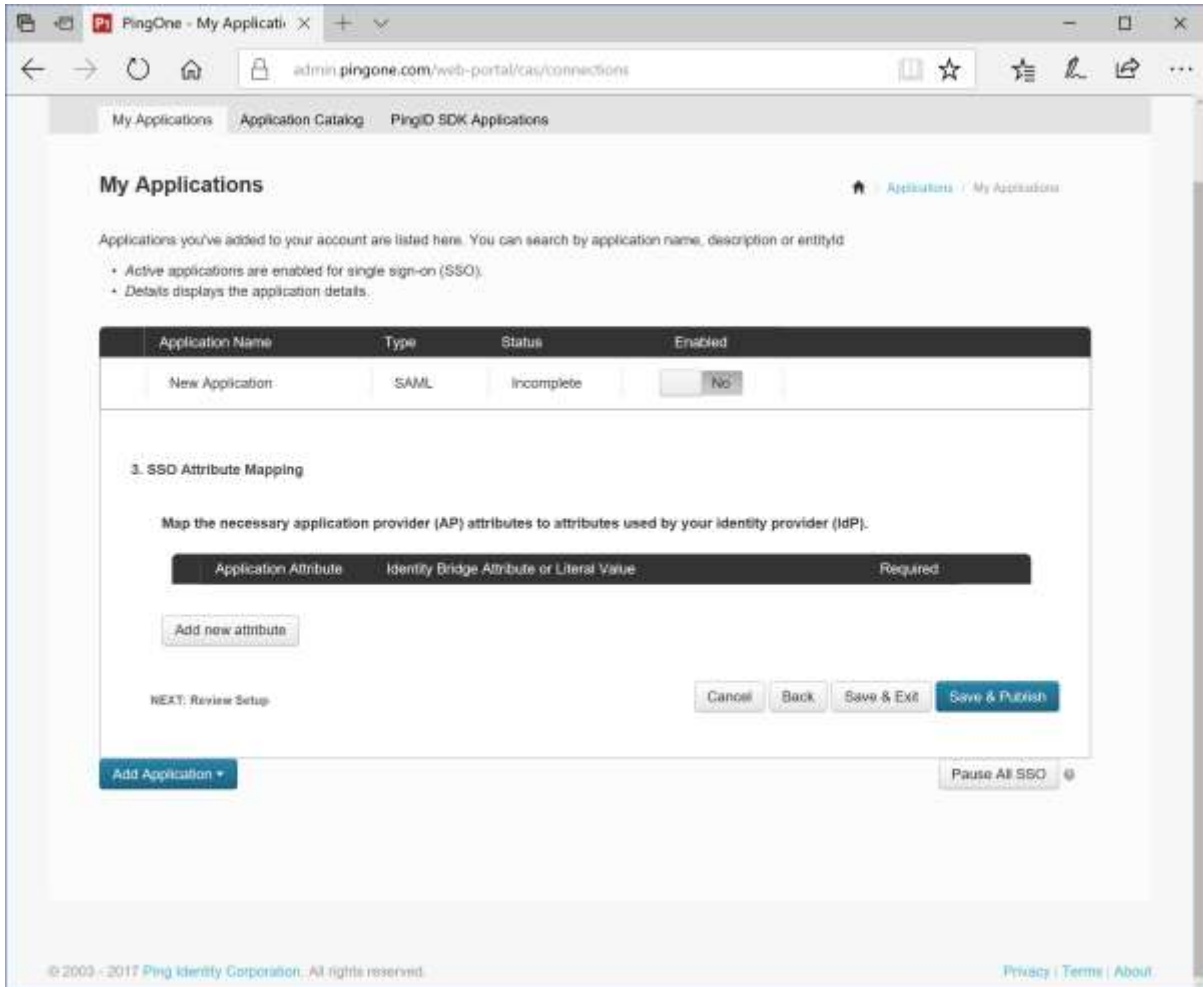
The screenshot shows the PingOne admin console interface for configuring a SAML connection. The browser address bar displays `admin.pingone.com/web-portal/cas/connections`. At the top, there are two tabs: "I have the SAML configuration" (selected) and "I have the SSO URL".

The main content area includes the following sections:

- Instructions:** "You will need to download this SAML metadata to configure the application:"
- Signing Certificate:** A dropdown menu showing "PingOne Account Origination Certificate".
- SAML Metadata:** A "Download" link.
- Provide SAML details about the application you are connecting to:**
 - Protocol Version:** Radio buttons for "SAML v 2.0" (selected) and "SAML v 1.1".
 - Upload Metadata:** A section showing an uploaded file "ExampleServiceProvider-Metadata.xml" with "Select File" and "Or use URL" options.
 - Assertion Consumer Service (ACS):** Text input field containing "https://localhost:44360/SAML/Assertion".
 - Entity ID:** Text input field containing "https://ExampleServiceProvider".
 - Application URL:** Empty text input field.
 - Single Logout Endpoint:** Text input field containing "https://localhost:44360/SAML/SingleLo".
 - Single Logout Response Endpoint:** Text input field containing "example.com/sloresponse.endpoint".
 - Single Logout Binding Type:** Radio buttons for "Redirect" (selected) and "Post".
 - Primary Verification Certificate:** A "Browse..." button and a text field containing "sam20metadata.cer".
 - Secondary Verification Certificate:** A "Browse..." button and an empty text field.
 - Signing Algorithm:** A dropdown menu showing "RSA_SHA256".

Optional attribute mappings may be specified.

Click the Save & Publish button.



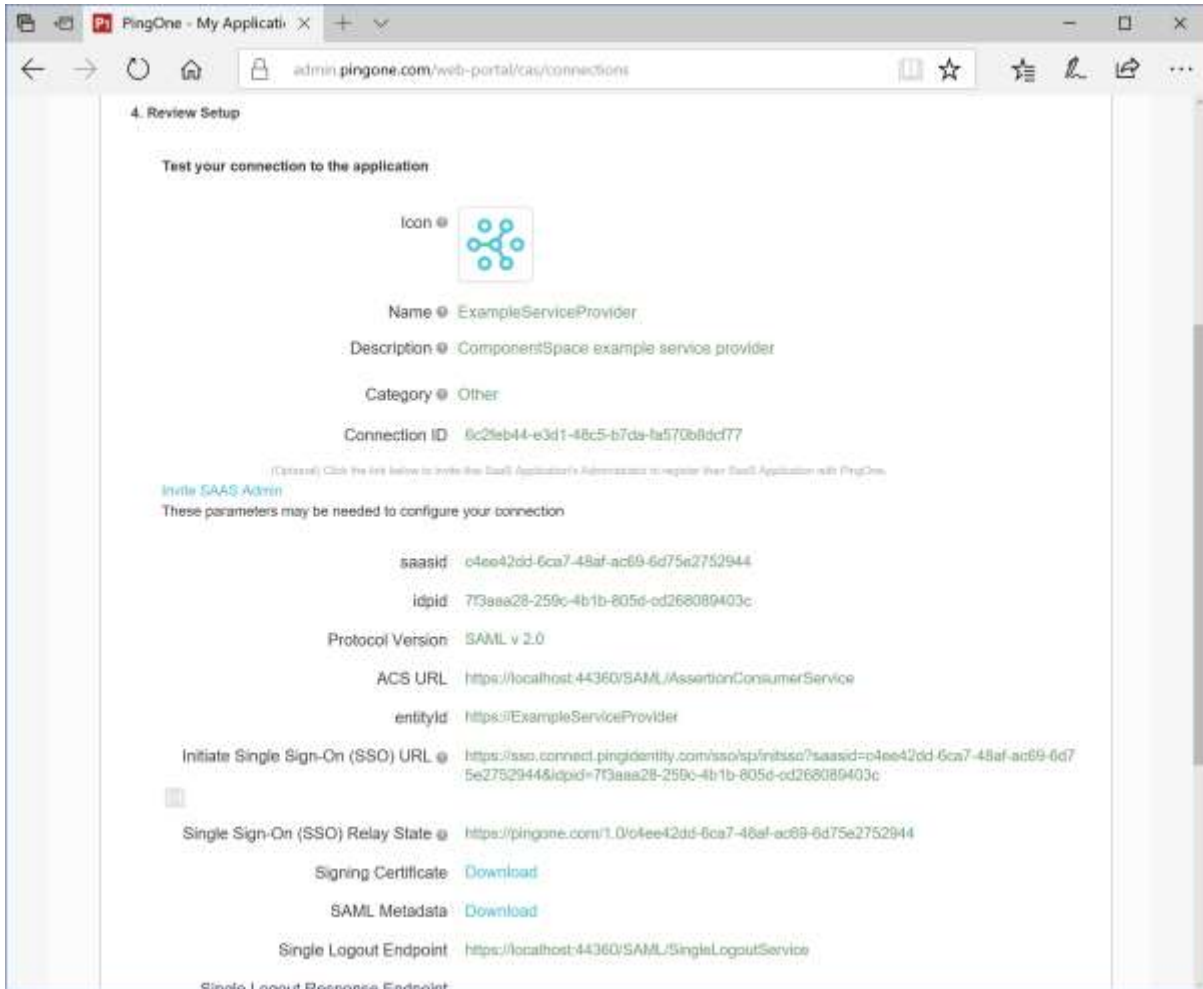
Review the settings.

Click the SAML Metadata download link to download the identity provider metadata if not already downloaded.

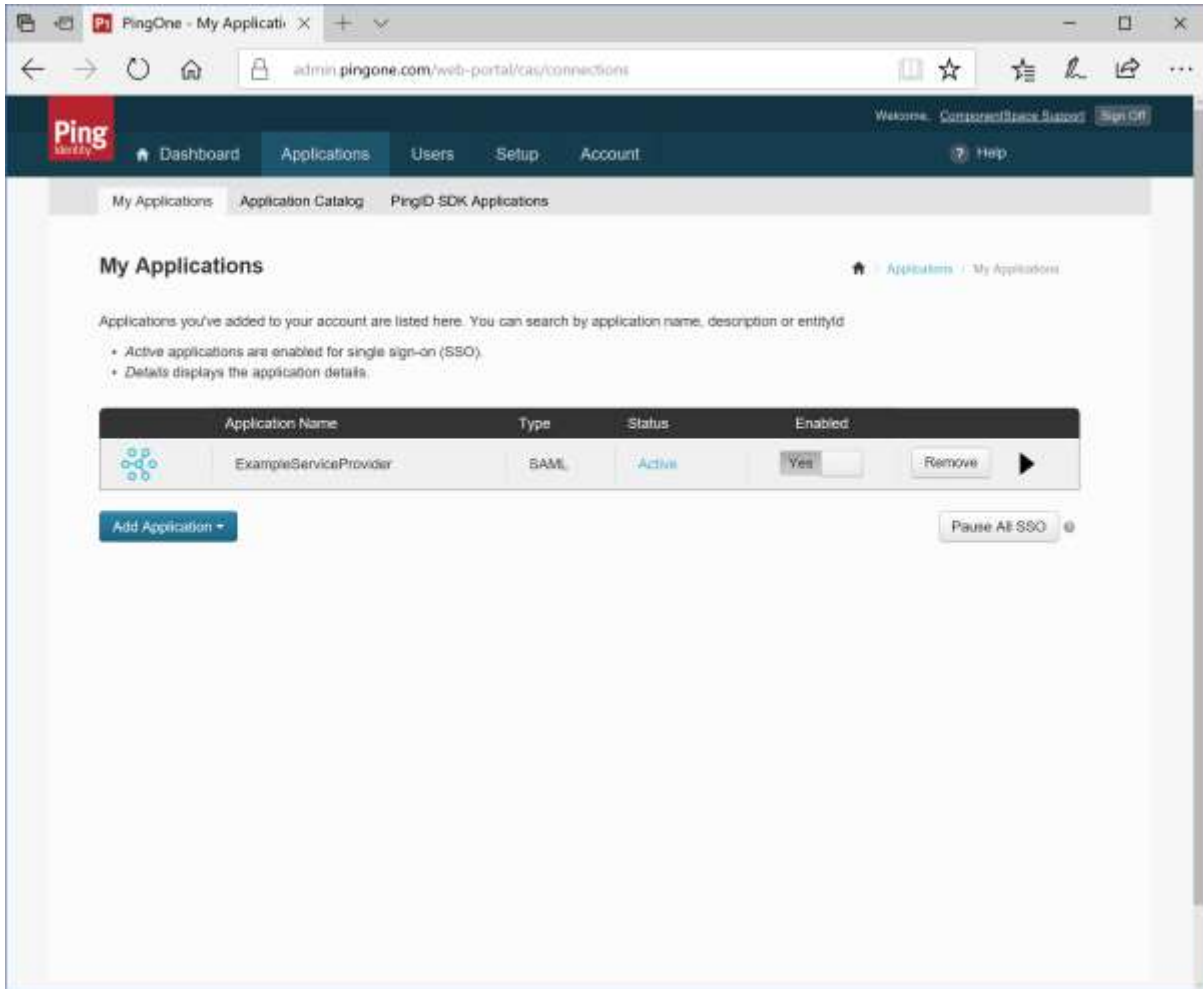
Note the Single Sign-On link. This may be used to initiate SSO from the identity provider.

Click the Finish button.

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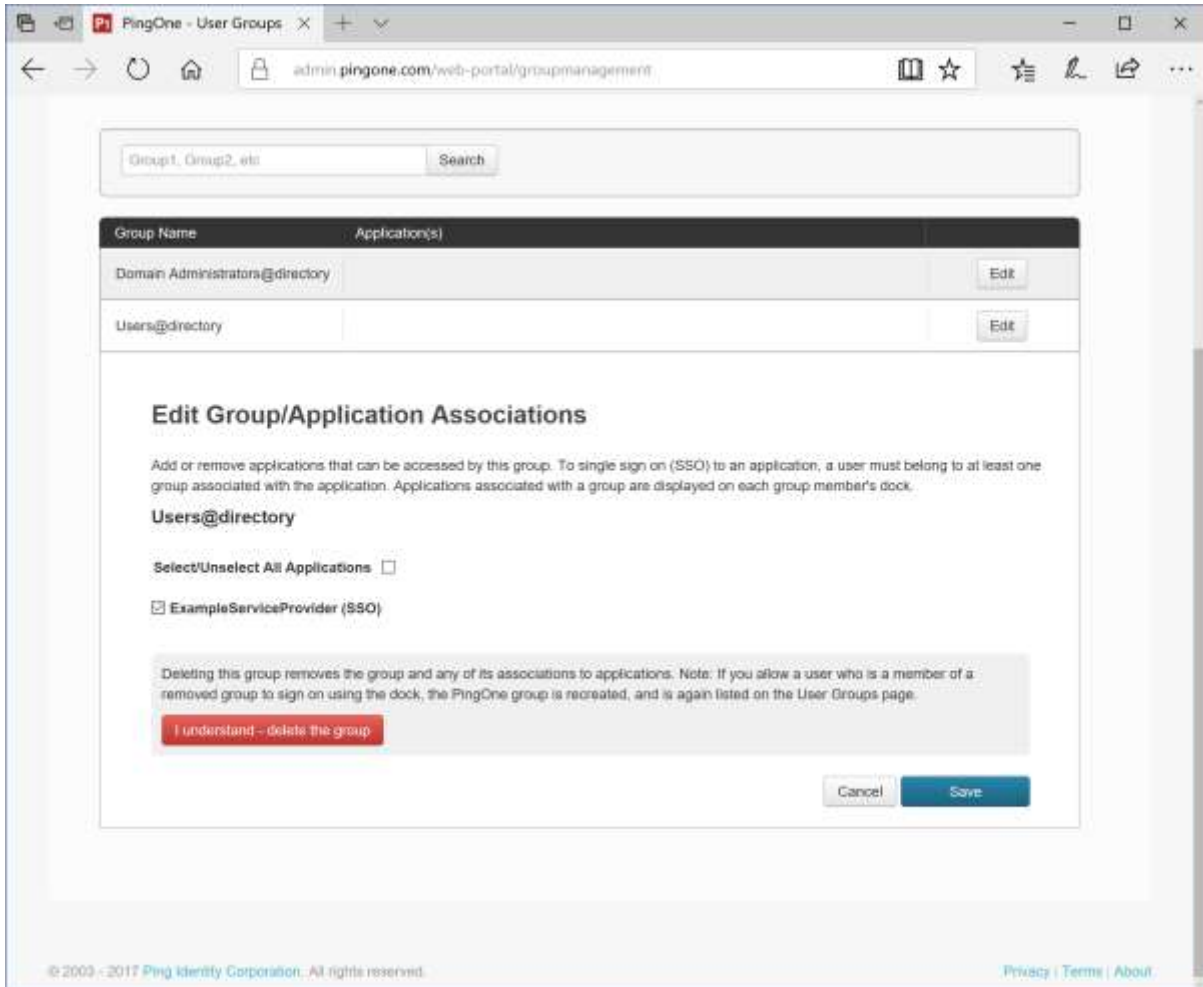
The application is now active.



Adding a Group/Application Association

Click Users > User Groups.

Edit the Users group to add the example service provider as an application accessible by members of the group.



Service Provider Configuration

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

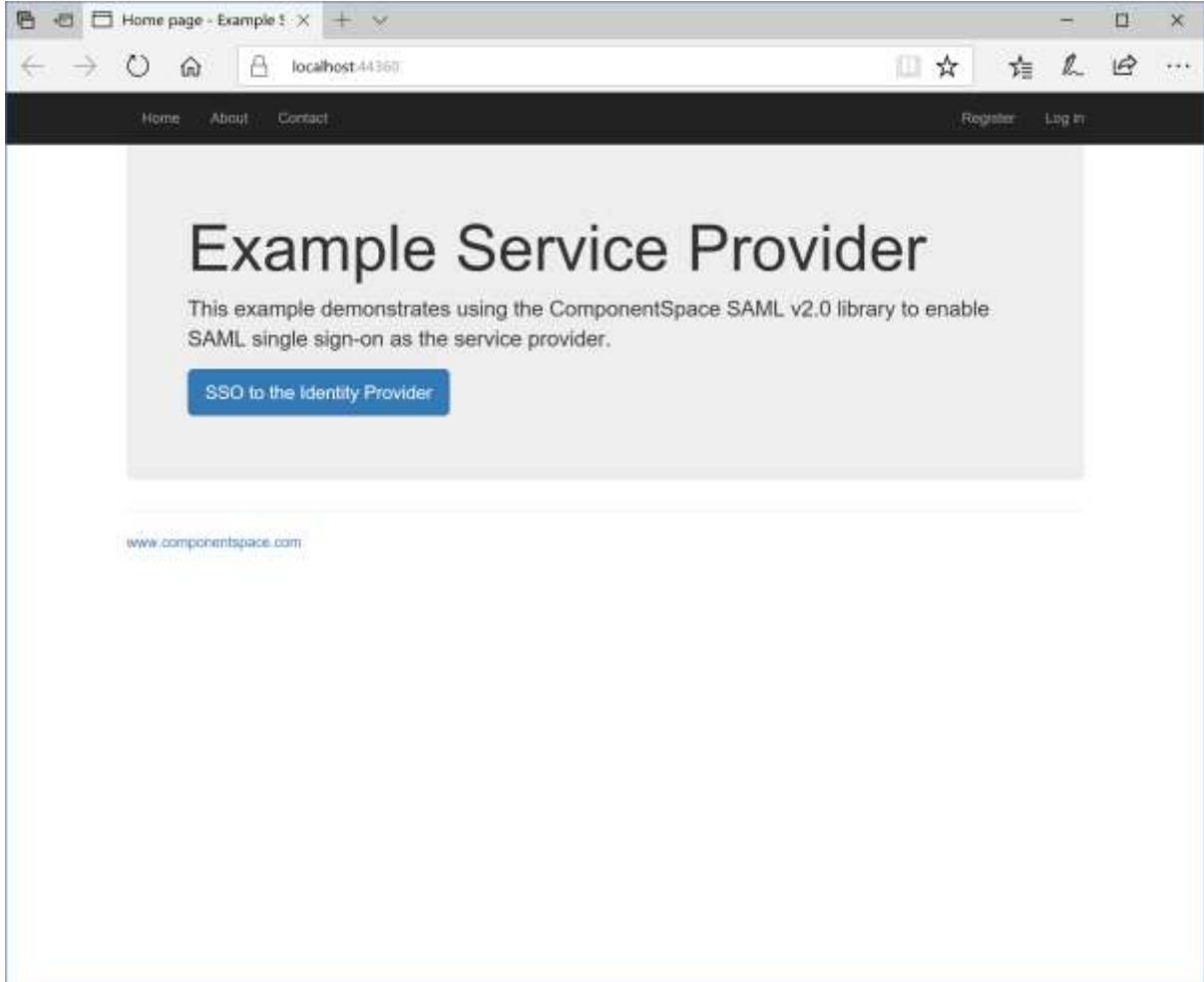
```
{
  "Name": "https://pingone.com/idp/componentspace",
  "Description": "PingOne",
  "SingleSignOnServiceUrl":
  "https://sso.connect.pingidentity.com/sso/idp/SSO.saml2?idpid=7f3aaa28-259c-4b1b-805d-
  cd268089403c",
  "SingleLogoutServiceUrl": "https://sso.connect.pingidentity.com/sso/SLO.saml2",
  "PartnerCertificates": [
    {
      "FileName": "certificates/pingone.cer"
    }
  ]
}
```

Ensure the PartnerName specifies the correct partner identity provider.

```
"PartnerName": "https://pingone.com/idp/componentspace"
```

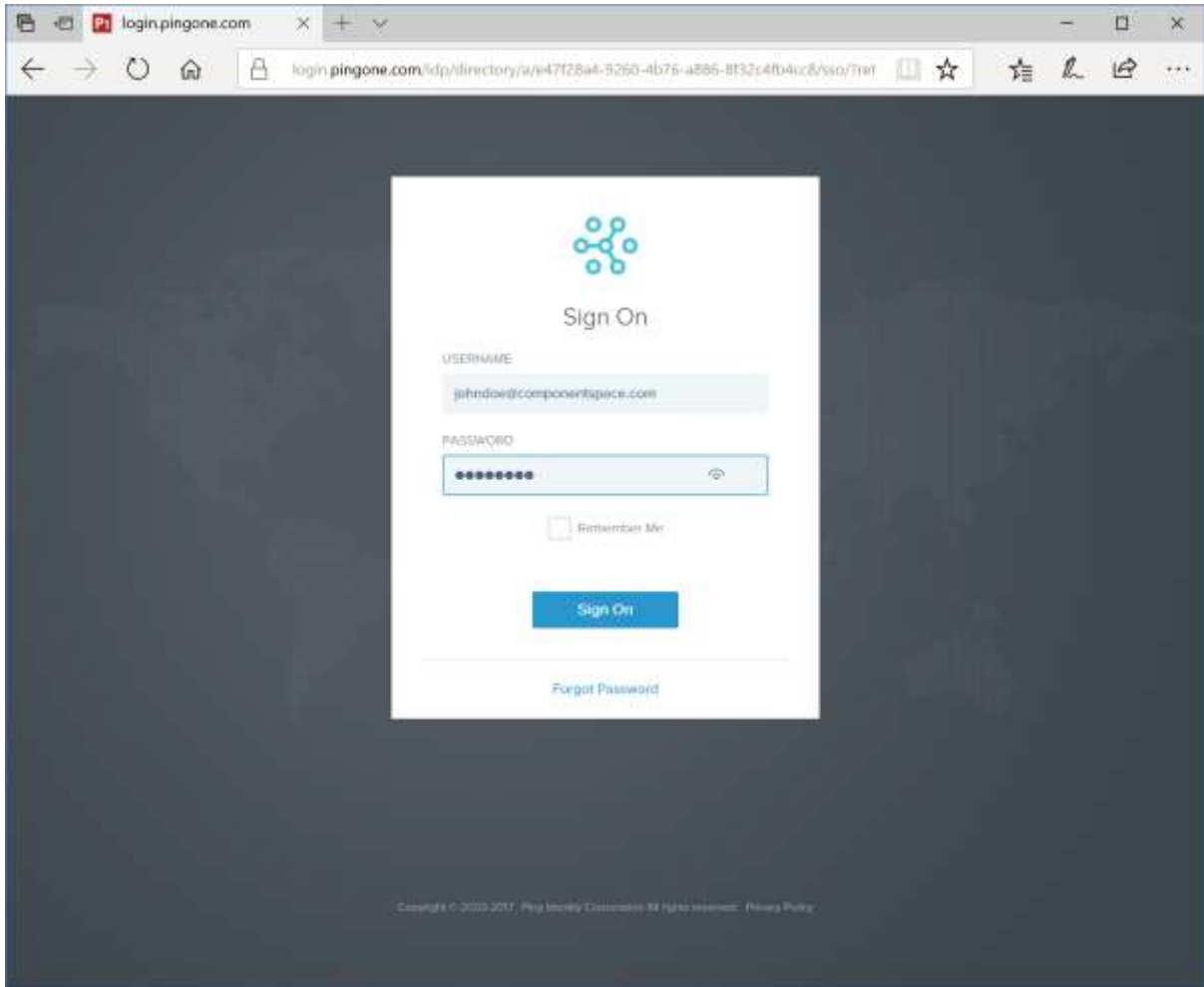
SP-Initiated SSO

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

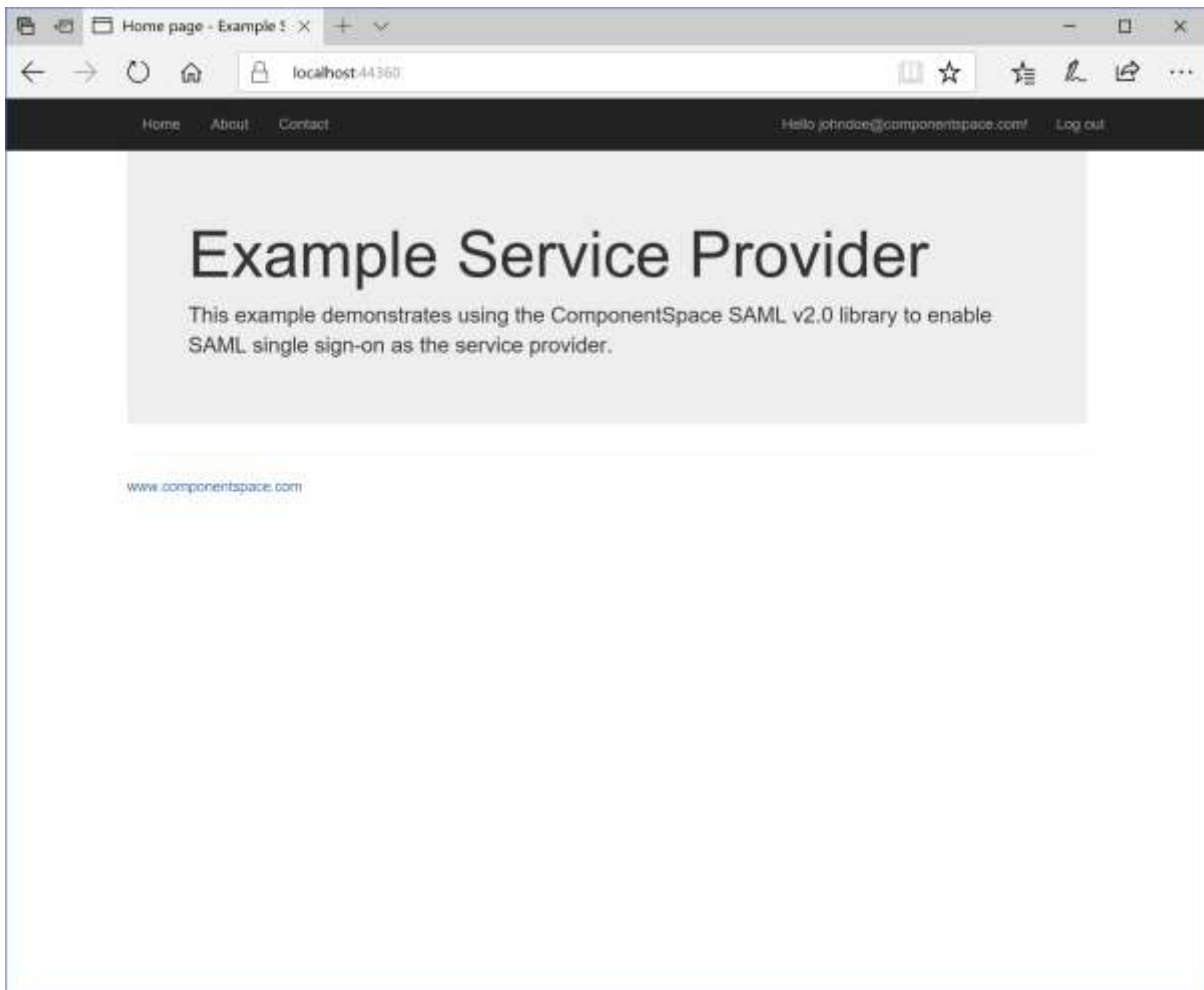


Log into PingOne.

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The user is automatically logged in at the service provider.

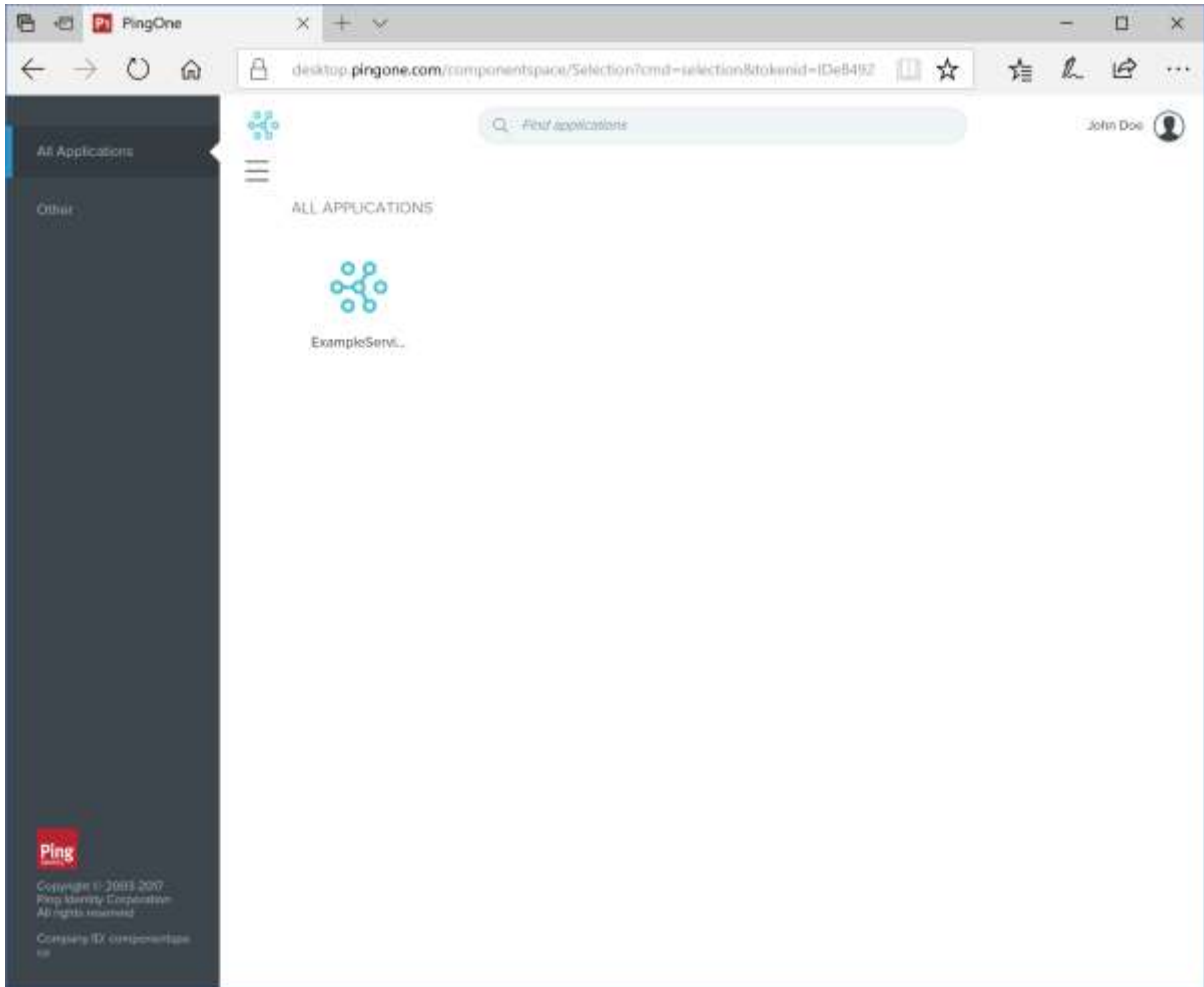


IdP-Initiated SSO

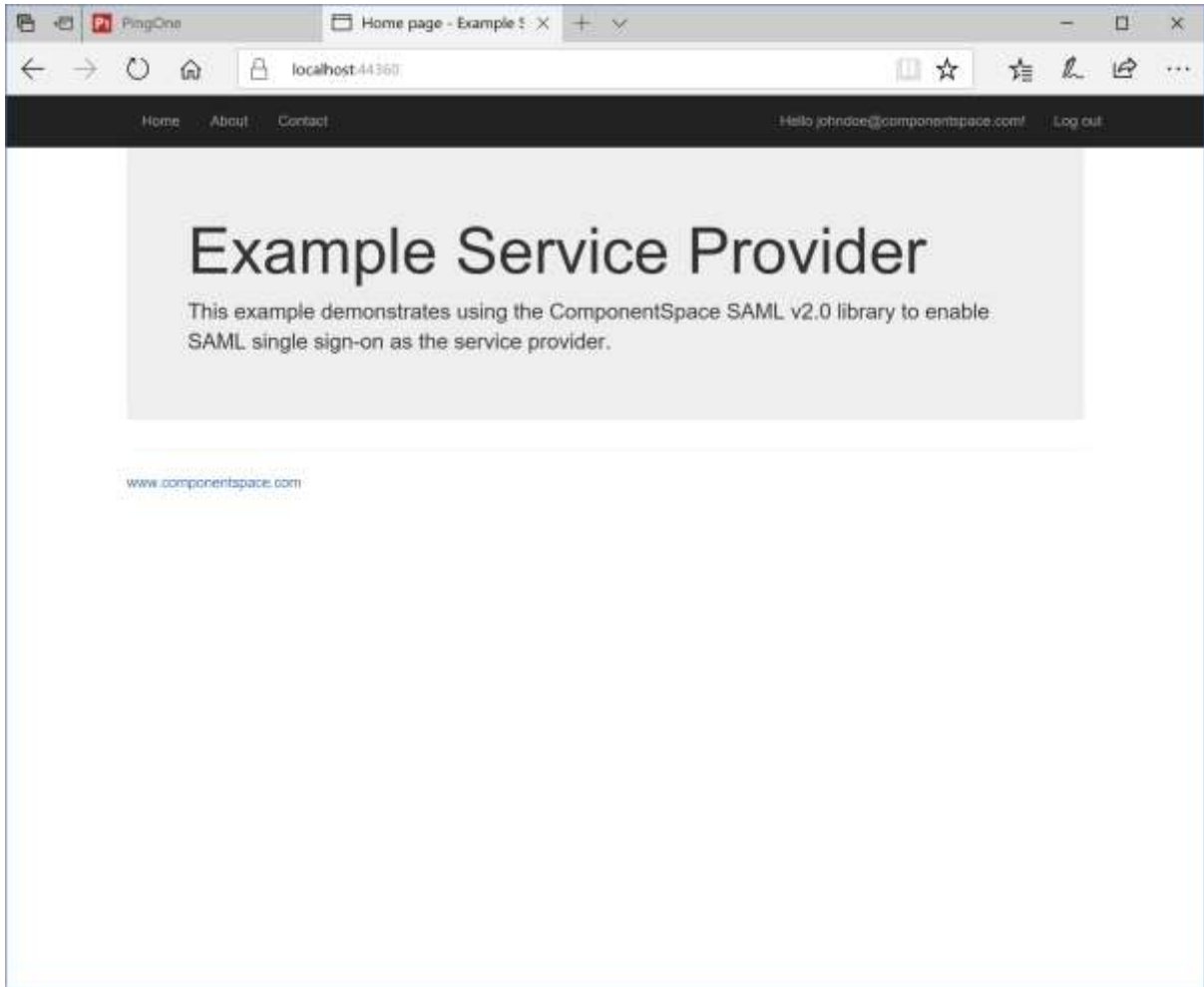
Log into PingOne.

Click the ExampleServiceProvider button.

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The user is automatically logged in at the service provider.



SAML Logout

PingOne supports SP-initiated SAML logout only.

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