

# ComponentSpace

## SAML for ASP.NET

### Salesforce

### Identity Provider

## Integration Guide

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## Introduction

This document describes integration with Salesforce as the identity provider.

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

[https://help.salesforce.com/articleView?id=identity\\_provider\\_enable.htm&type=0](https://help.salesforce.com/articleView?id=identity_provider_enable.htm&type=0)

[https://developer.salesforce.com/page/Salesforce\\_IdP\\_Setup](https://developer.salesforce.com/page/Salesforce_IdP_Setup)

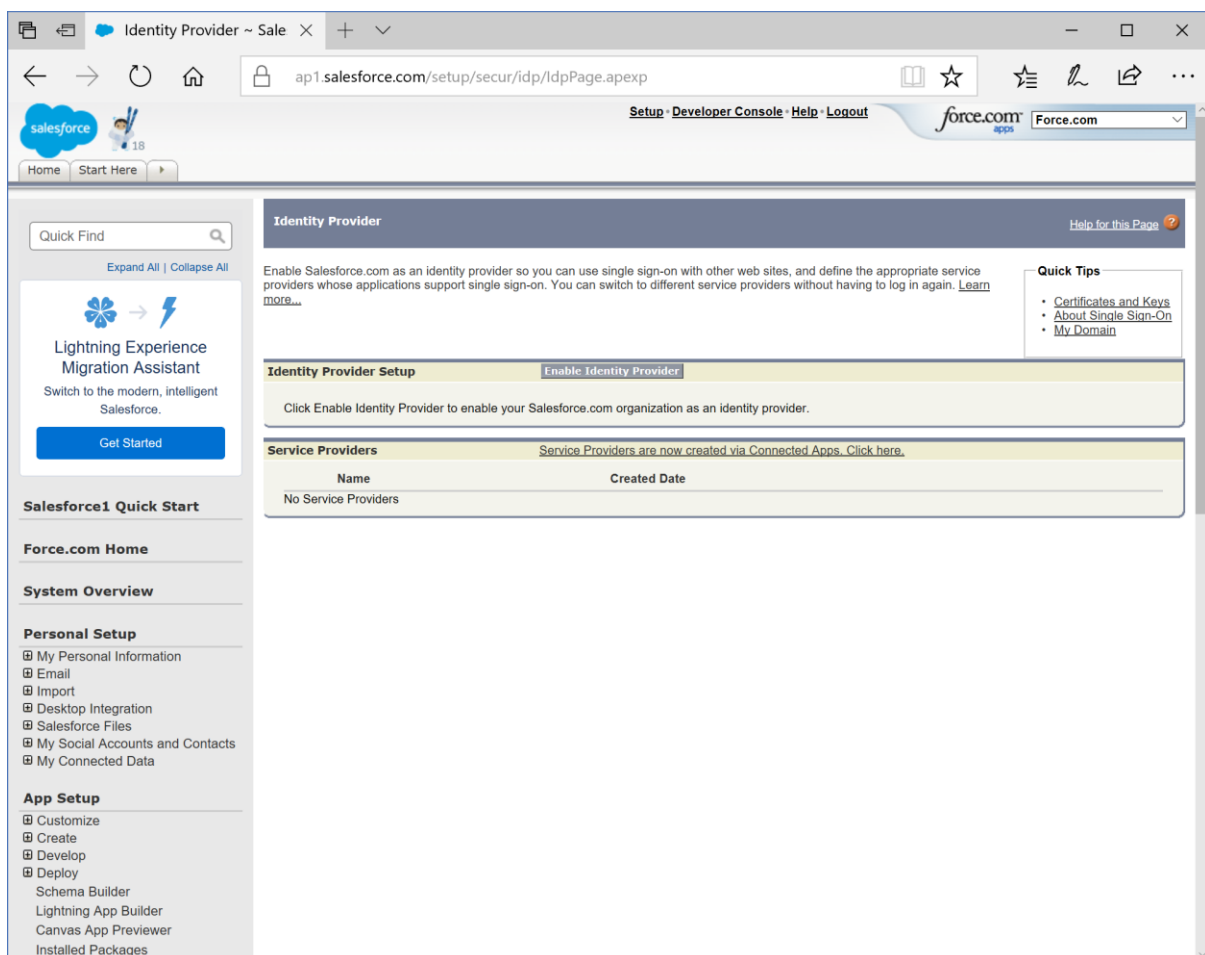
## Enabling the Identity Provider

Log into Salesforce as an administrator.

<https://login.salesforce.com>

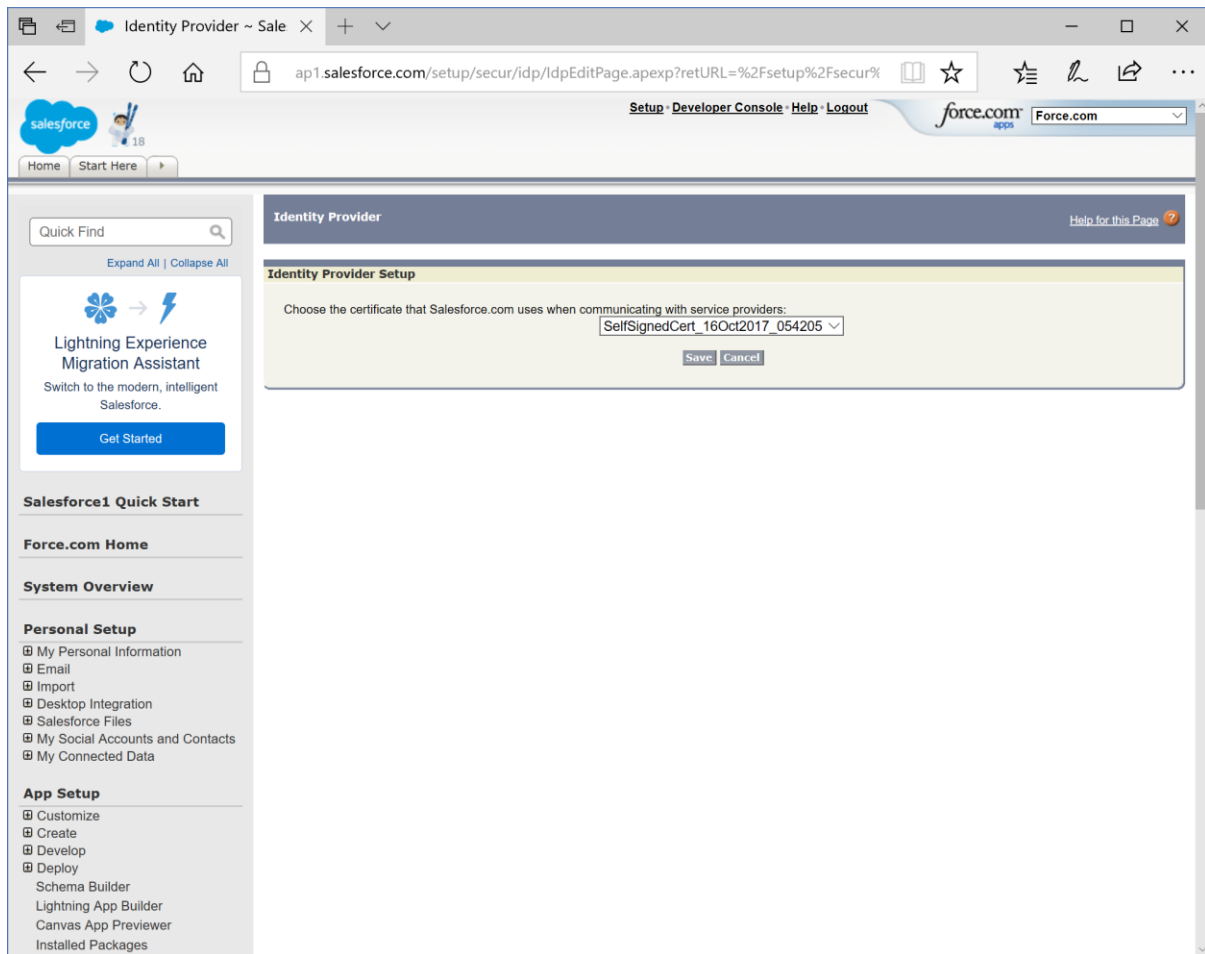
Select Setup > Administration Setup > Security Controls > Identity Provider.

Enable the identity provider.



Select a Salesforce certificate to use.

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Download the metadata. This is used to configure the service provider.

# ComponentSpace SAML for ASP.NET Salesforce Identity Provider Integration Guide

The screenshot shows the Salesforce Identity Provider Setup page in a web browser. The browser's address bar displays the URL `ap1.salesforce.com/setup/secur/idp/ldpPage.apexp`. The page header includes the Salesforce logo, a user profile icon, and navigation links for Setup, Developer Console, Help, and Logout. The main content area is titled "Identity Provider" and contains a brief explanation of the setup process. Below this, the "Identity Provider Setup" section is expanded, showing details for the currently chosen certificate and SAML metadata discovery endpoints. The "Service Providers" section at the bottom indicates that no service providers are currently configured.

**Identity Provider**

Enable Salesforce.com as an identity provider so you can use single sign-on with other web sites, and define the appropriate service providers whose applications support single sign-on. You can switch to different service providers without having to log in again. [Learn more...](#)

**Quick Tips**

- [Certificates and Keys](#)
- [About Single Sign-On](#)
- [My Domain](#)

**Identity Provider Setup** [Edit](#) [Disable](#) [Download Certificate](#) [Download Metadata](#)

**Details**

Issuer `https://componentspace-dev-ed.my.salesforce.com`

**Currently chosen certificate details**

Label	Unique Name
<code>SelfSignedCert_16Oct2017_054205</code>	<code>SelfSignedCert_16Oct2017_054205</code>
Created Date	Expiration Date
16/10/2017 4:42 PM	16/10/2019 11:00 AM
Key Size	
4096	

**SAML Metadata Discovery Endpoints**

Service Provider	Endpoint
Salesforce Identity	<code>https://componentspace-dev-ed.my.salesforce.com/.well-known/samlidp.xml</code>

**Service Providers** [Service Providers are now created via Connected Apps. Click here.](#)

Name	Created Date
No Service Providers	

## Creating a Connected App

Select Setup > App Setup > Create > Apps.

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The screenshot shows the Salesforce App Manager interface. The browser address bar displays a URL starting with 'ap1.salesforce.com'. The page title is 'Apps ~ Salesforce - Dev'. The main content area is titled 'Apps' and includes a 'Help for this Page' link. Below the title, there is an explanatory text about apps and a link to 'View User Profiles now'. A table titled 'Apps' lists various applications with columns for Action, App Label, Console, Custom, and Description. The 'Force.com' app is selected. Below the table, there is a 'Connected Apps' section with a 'New' button and a message 'No Apps found.'.

Apps ~ Salesforce - Dev

ap1.salesforce.com/02u?retURL=%2Fui%2FSetup%2FSetup%3FSetupid%3DDevTools&

Setup · Developer Console · Help · Logout

force.com apps Force.com

Home Start Here

Quick Find

Expand All | Collapse All

Lightning Experience Migration Assistant

Switch to the modern, intelligent Salesforce.

Get Started

Salesforce1 Quick Start

Force.com Home

System Overview

Personal Setup

- My Personal Information
- Email
- Import
- Desktop Integration
- Salesforce Files
- My Social Accounts and Contacts
- My Connected Data

App Setup

- Customize
- Create
  - Apps
  - Custom Labels
  - Interaction Log Layouts
  - Objects
  - Big Objects
  - Picklist Value Sets

Apps

Help for this Page

An app is a group of tabs that work as a unit to provide functionality. Users can switch between apps using the Force.com app drop-down menu at the top-right corner of every page.

You can customize existing apps to match the way you work, or build new apps by grouping standard and custom tabs.

Custom apps work in conjunction with User Profile Tab Visibility settings. [View User Profiles now.](#)

Apps

Quick Start New Reorder Apps Help

Action	App Label	Console	Custom	Description
<a href="#">Edit</a>   <a href="#">Del</a>	<a href="#">Force.com</a>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Start Here
<a href="#">Edit</a>	<a href="#">Ideas</a>	<input type="checkbox"/>	<input type="checkbox"/>	Salesforce CRM Ideas
<a href="#">Edit</a>	<a href="#">Marketing</a>	<input type="checkbox"/>	<input type="checkbox"/>	Best-in-class on-demand marketing automation
<a href="#">Edit</a>	<a href="#">Platform</a>	<input type="checkbox"/>	<input type="checkbox"/>	The fundamental Force.com platform
<a href="#">Edit</a>	<a href="#">Sales</a>	<input type="checkbox"/>	<input type="checkbox"/>	The world's most popular sales force automation (SFA) solution
<a href="#">Edit</a>	<a href="#">Service</a>	<input type="checkbox"/>	<input type="checkbox"/>	Manage customer service with accounts, contacts, cases, and more
<a href="#">Edit</a>	<a href="#">Site.com</a>	<input type="checkbox"/>	<input type="checkbox"/>	Build pixel-perfect, data-rich websites using the drag-and-drop Site.com application, and manage content and published sites.

Connected Apps

New Connected Apps Help

No Apps found.

Click new to create a connected app.

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[illegible]

The connect app name and app name are for display purposes only.

The entity ID is the service provider's name.

For example:

https://ExampleServiceProvider

The assertion consumer service URL is the endpoint to receive SAML responses.

For example:

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

The single logout service URL is the endpoint to receive SAML logout messages.

For example:

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

SAML authn request are signed so the service provider's certificate is uploaded.

For example:

sp.cer

Click Manage > Manage Profiles.

Permit users to access the connected app by assigning profiles.

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Application Profile Assignment

[Back to Connected App Detail](#)

Select the appropriate profiles to choose which users have access to this application.

Select	Profiles	Description
<input type="checkbox"/>	<a href="#">Chatter Free User</a>	
<input type="checkbox"/>	<a href="#">Chatter Moderator User</a>	
<input type="checkbox"/>	<a href="#">Contract Manager</a>	
<input type="checkbox"/>	<a href="#">Cross Org Data Proxy User</a>	
<input type="checkbox"/>	<a href="#">Custom: Marketing Profile</a>	
<input type="checkbox"/>	<a href="#">Custom: Sales Profile</a>	
<input type="checkbox"/>	<a href="#">Custom: Support Profile</a>	
<input type="checkbox"/>	<a href="#">Customer Community Login User</a>	
<input type="checkbox"/>	<a href="#">Customer Community User</a>	
<input type="checkbox"/>	<a href="#">Customer Portal Manager</a>	
<input type="checkbox"/>	<a href="#">Marketing User</a>	
<input type="checkbox"/>	<a href="#">Partner Community Login User</a>	
<input type="checkbox"/>	<a href="#">Partner Community User</a>	
<input type="checkbox"/>	<a href="#">Partner User</a>	
<input type="checkbox"/>	<a href="#">Read Only</a>	
<input type="checkbox"/>	<a href="#">Solution Manager</a>	
<input checked="" type="checkbox"/>	<a href="#">Standard Platform User</a>	
<input checked="" type="checkbox"/>	<a href="#">Standard User</a>	
<input checked="" type="checkbox"/>	<a href="#">System Administrator</a>	

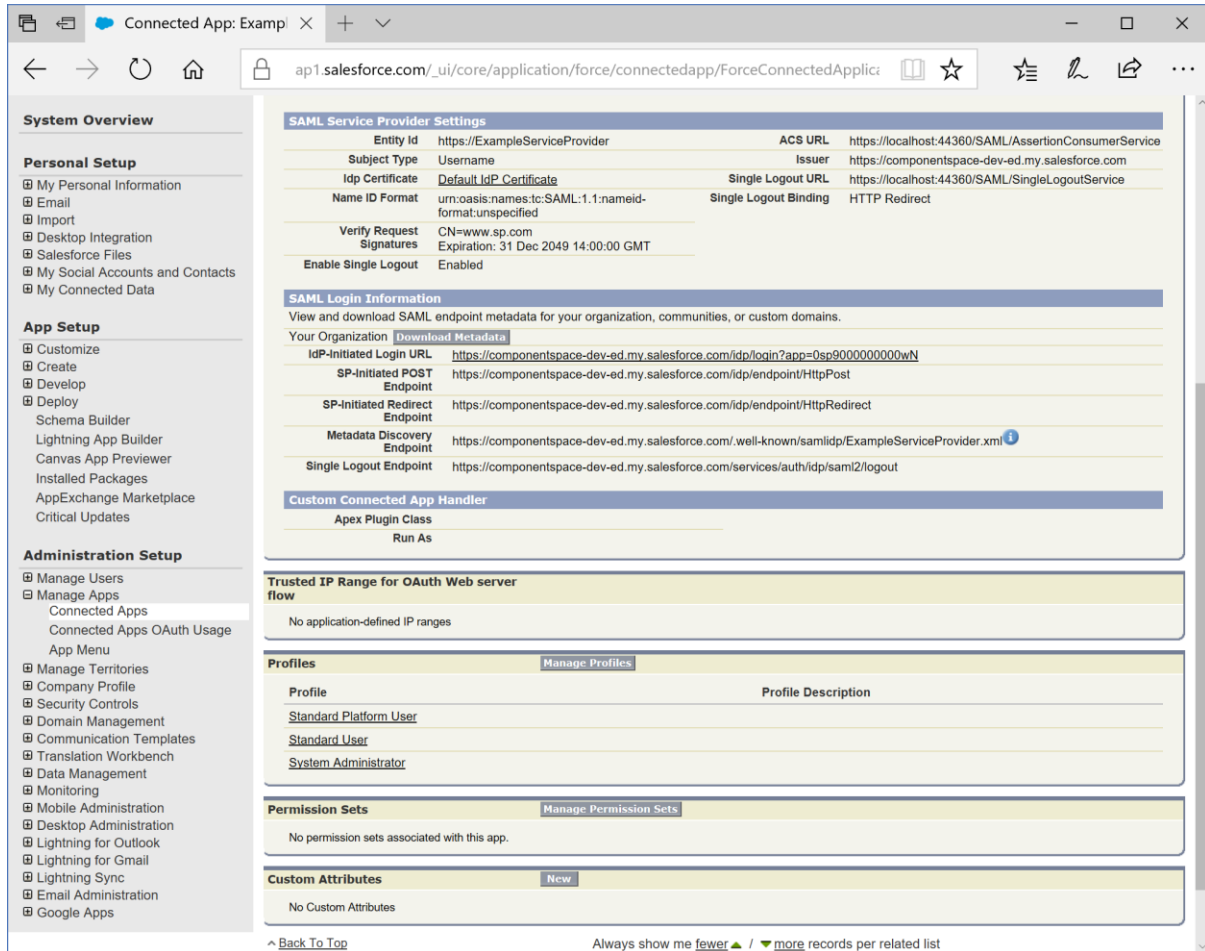
Save Cancel

Review the connected app's configuration.

Note the URL for IdP-initiated SSO.



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### Service Provider Configuration

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

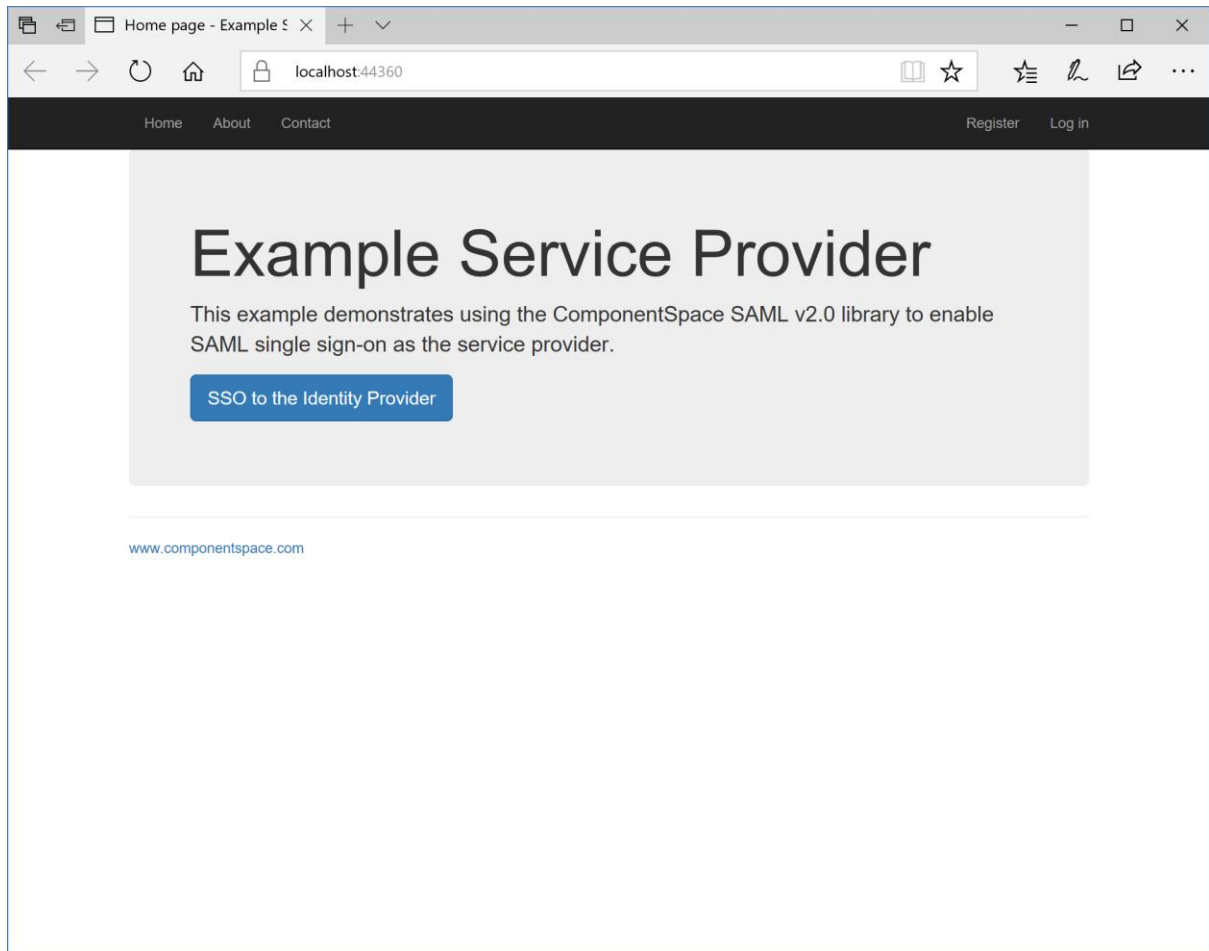
```
<PartnerIdentityProvider
  Name="https://componentspace-dev-ed.my.salesforce.com"
  Description="Salesforce"
  SignAuthnRequest="true"
  SingleSignOnServiceUrl="https://componentspace-dev-ed.my.salesforce.com/idp/endpoint/HttpRedirect"
  SingleLogoutServiceUrl="https://componentspace-dev-ed.my.salesforce.com/services/auth/idp/saml2/logout">
  <PartnerCertificates>
    <Certificate FileName="Certificates\salesforce.cer"/>
  </PartnerCertificates>
</PartnerIdentityProvider>
```

Ensure the PartnerName specifies the correct partner identity provider.

```
<add key="PartnerName" value="https://componentspace-dev-ed.my.salesforce.com"/>
```

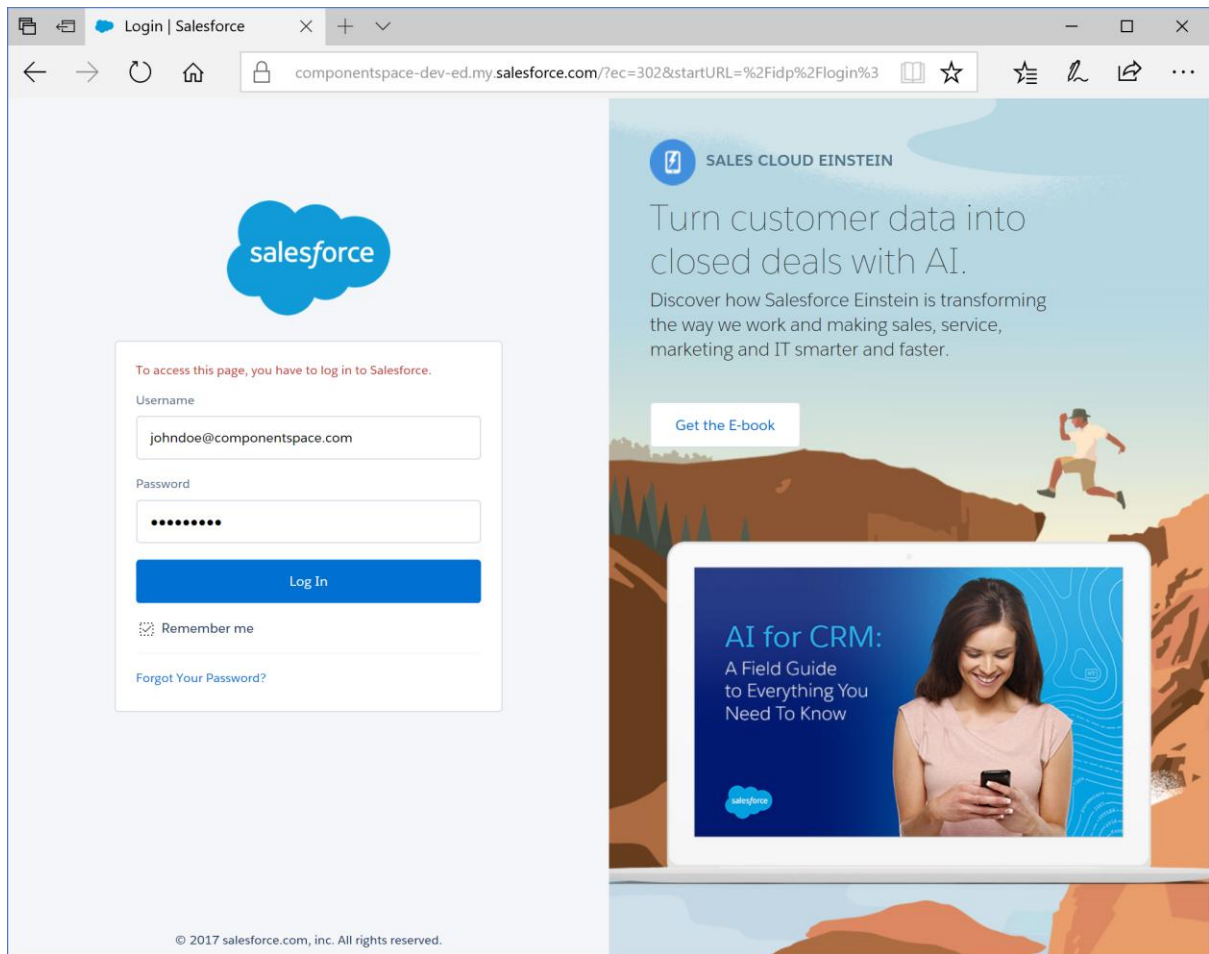
## SP-Initiated SSO

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

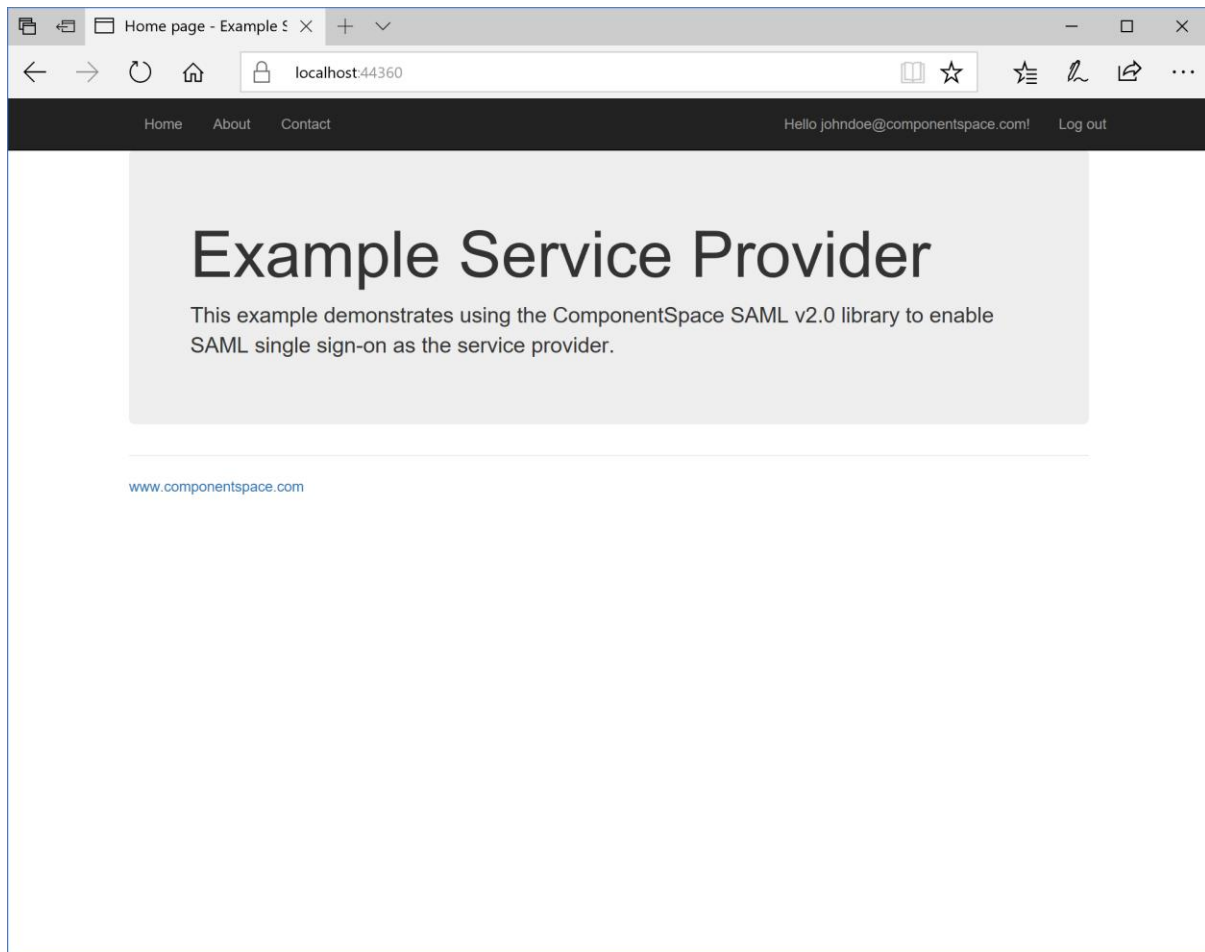


Log into Salesforce.

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The user is automatically logged in at the service provider.



### IdP-Initiated SSO

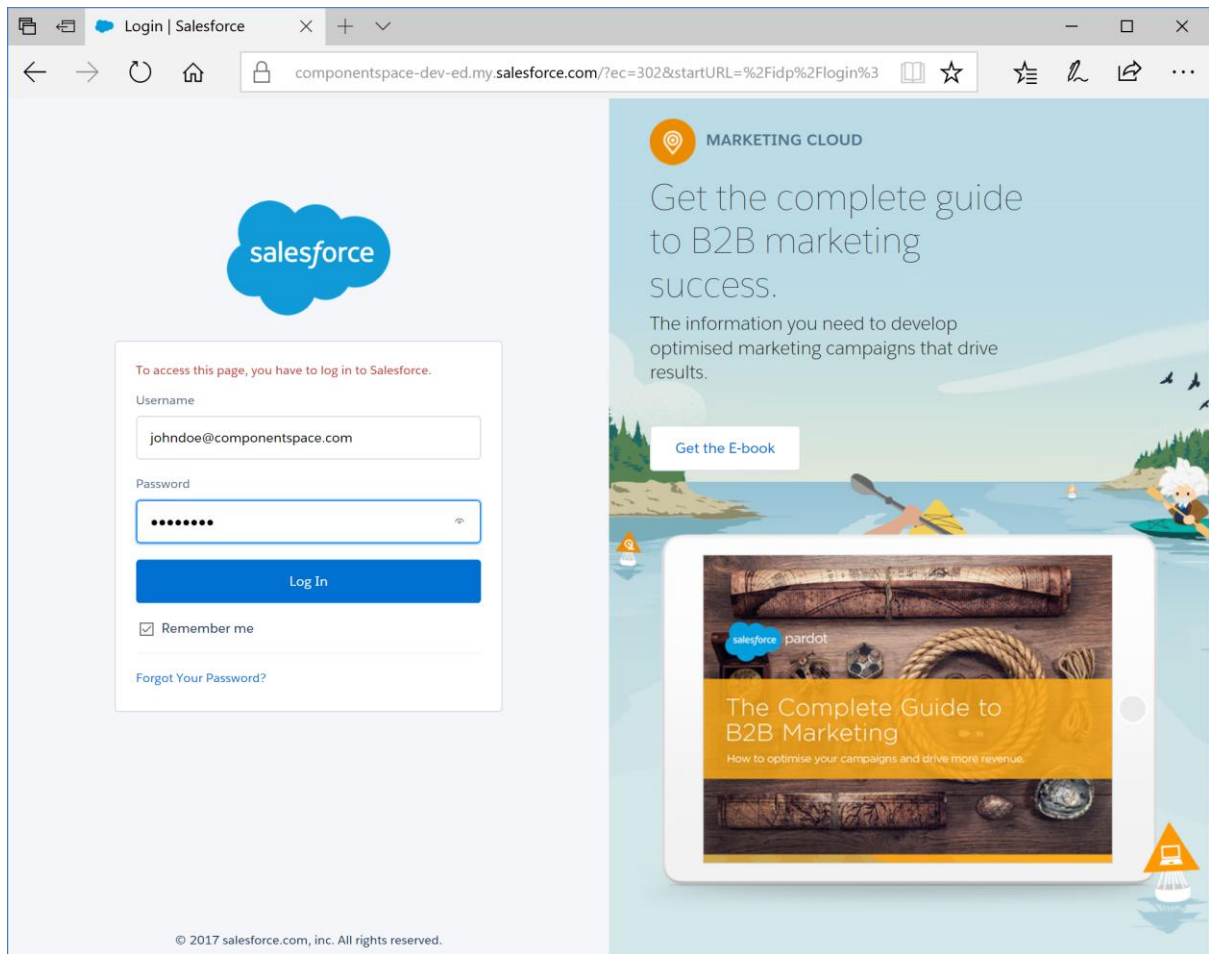
Browse to the URL for IdP-initiated SSO and login.

For example:

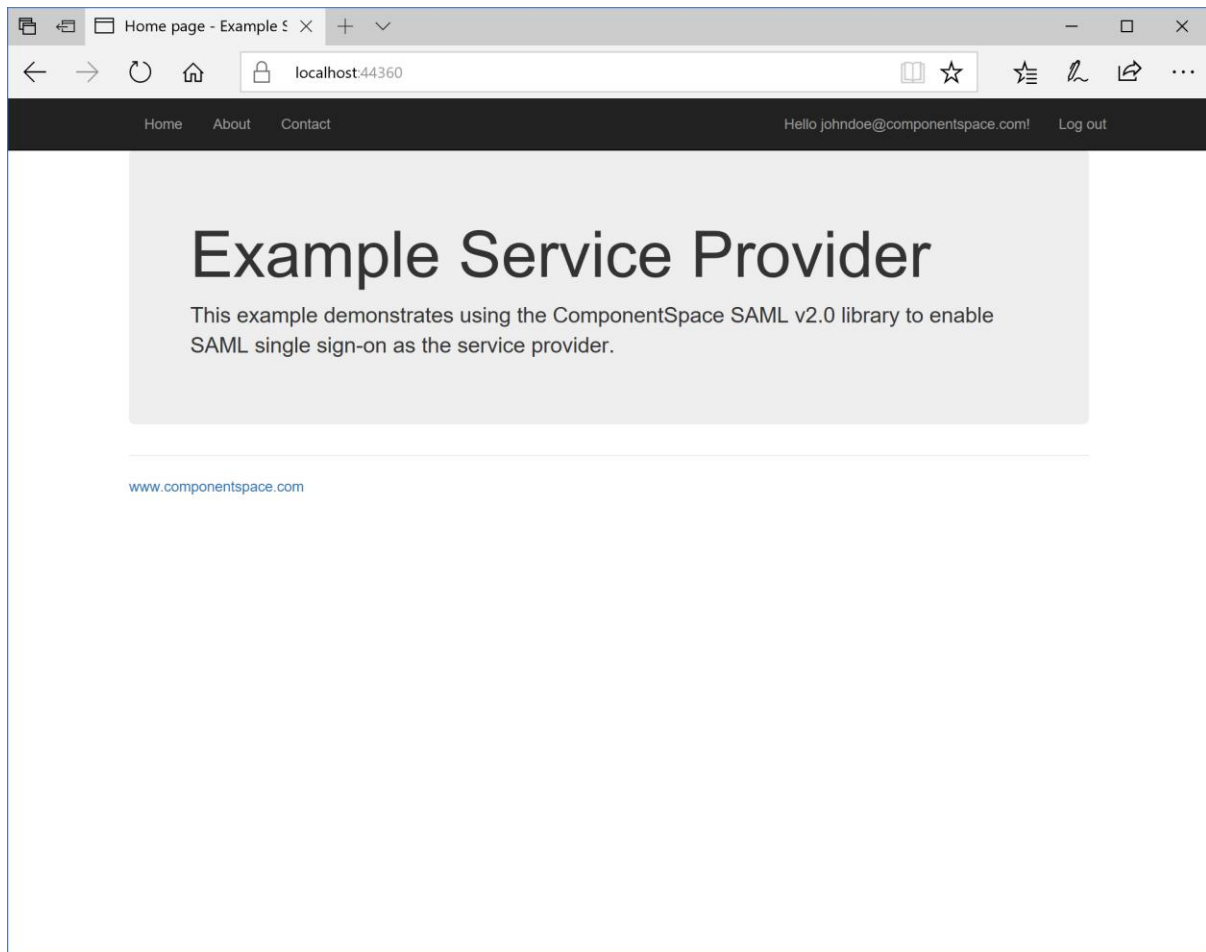
<https://componentspace-dev-ed.my.salesforce.com/idp/login?app=0sp9000000000wN>

Alternatively, select the connect app from the app launcher.

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The user is automatically logged in at the service provider.



### SAML Logout

SP-initiated logout returns the user to the Salesforce login page and no logout response is returned to the service provider.

Logging out at Salesforce (i.e. IdP-initiated logout) does not send a logout request to the service provider.

These are limitations in Salesforce and the user should close the browser to complete logout.