

ComponentSpace
SAML for ASP.NET
Google
Service Provider
Integration Guide

Contents

Introduction	1
Configuring a Third-Party Identity Provider	1
Identity Provider Configuration	3
SP-Initiated SSO.....	4
IdP-Initiated SSO	7
SAML Logout	9

Introduction

This document describes integration with Google G Suite as the service provider.

For information on configuring Google G Suite for SAML SSO, refer to the following articles.

<https://support.google.com/a/answer/60224>

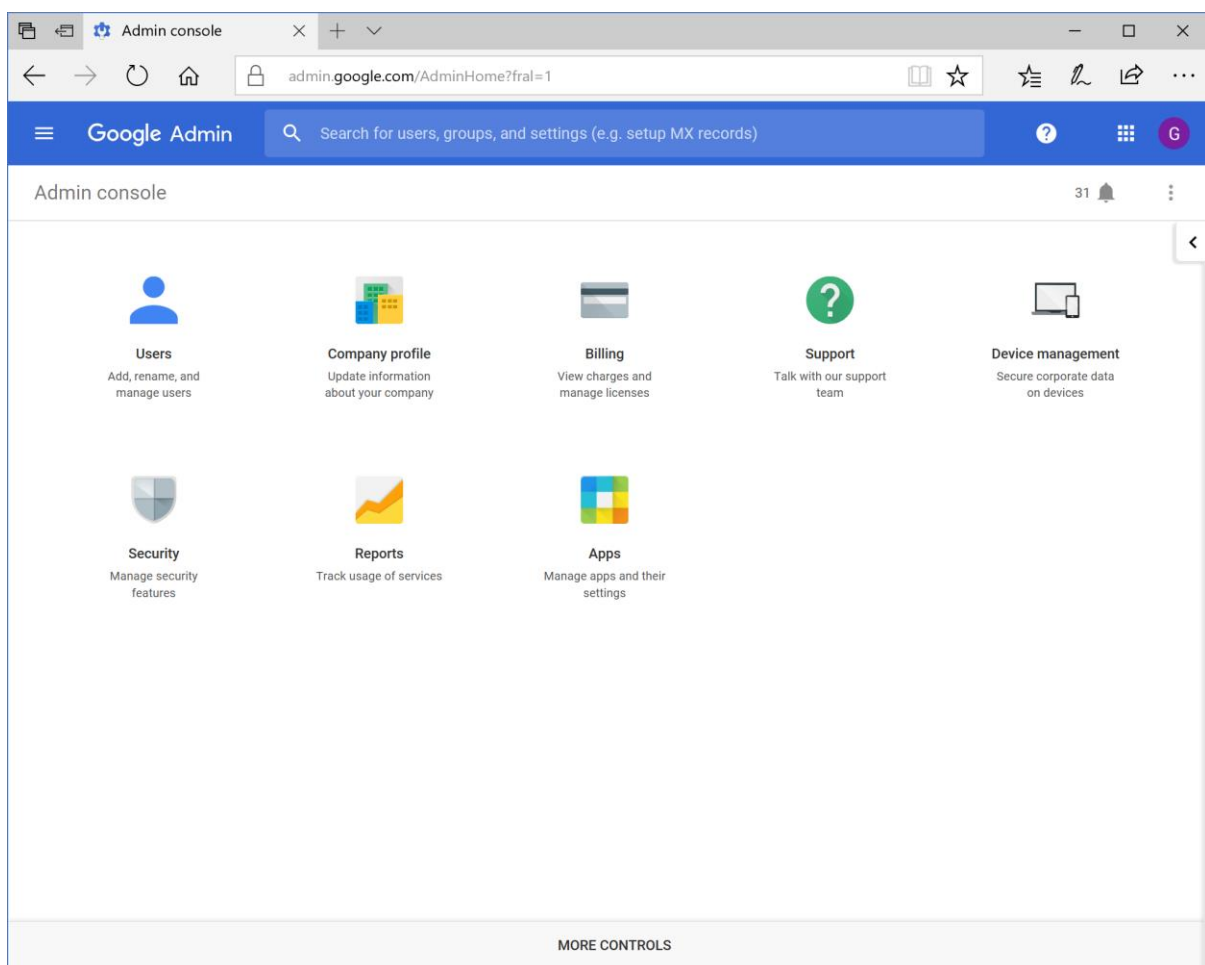
<https://support.google.com/a/answer/2463723>

Configuring a Third-Party Identity Provider

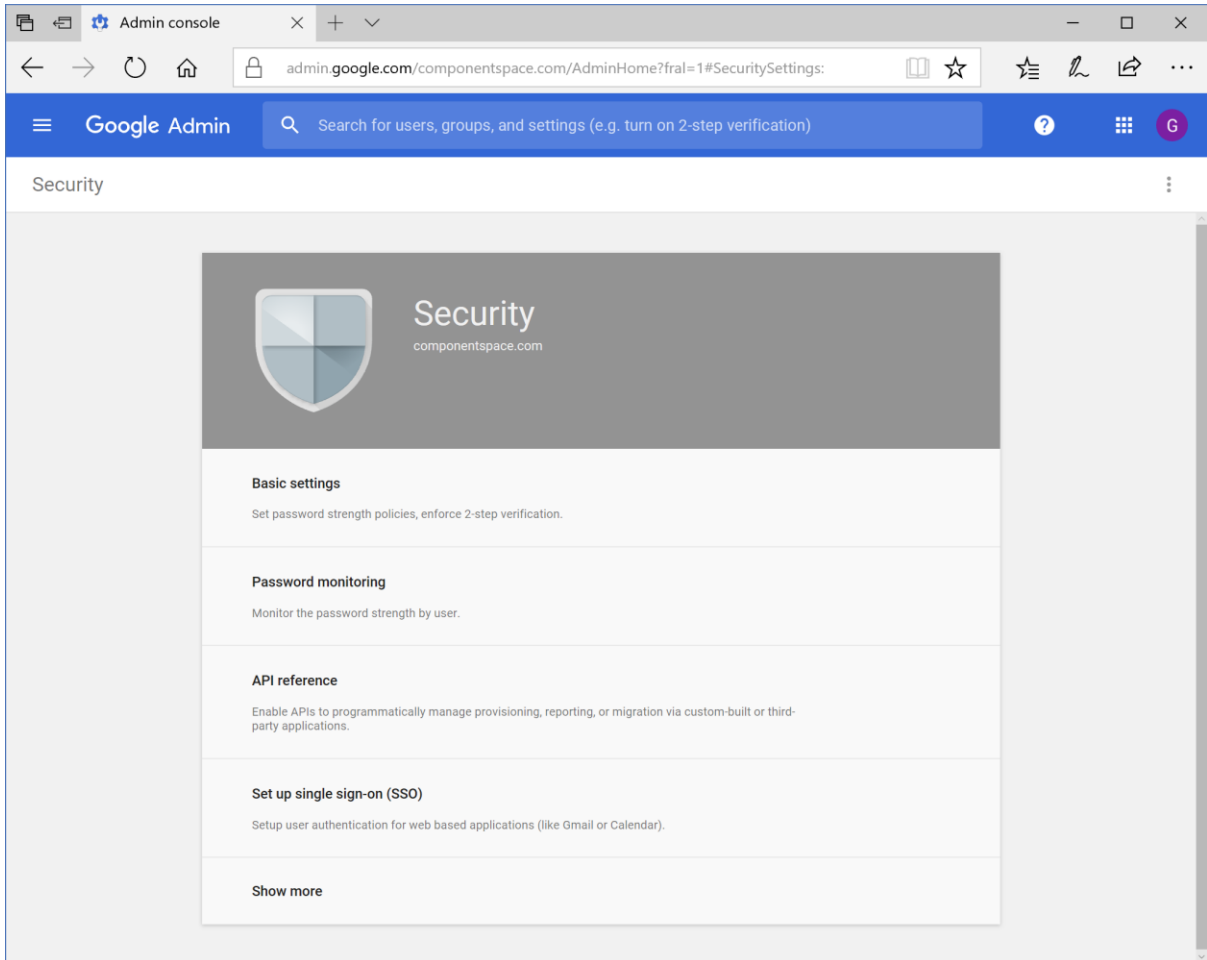
Log into Google as an administrator.

<https://admin.google.com/>

Select Security.



Select Set up single sign-on (SSO).



Select to Setup SSO with third party identity provider.

The sign-in page URL is the SSO service.

For example:

<https://localhost:44313/SAML/SingleSignInService>

The sign-out page URL is not for SAML logout. Instead, Google will perform a redirect to this URL on logout.

The ExampleIdentityProvider has been modified to support both HTTP Post (e.g. Log out button click) and HTTP Get (e.g. Google redirect) requests to this endpoint.

For example:

<https://localhost:44313/Account/Logout>

The optional change password URL is not part of SAML SSO or logout. Google will redirect to this page if the user wishes to change their password.

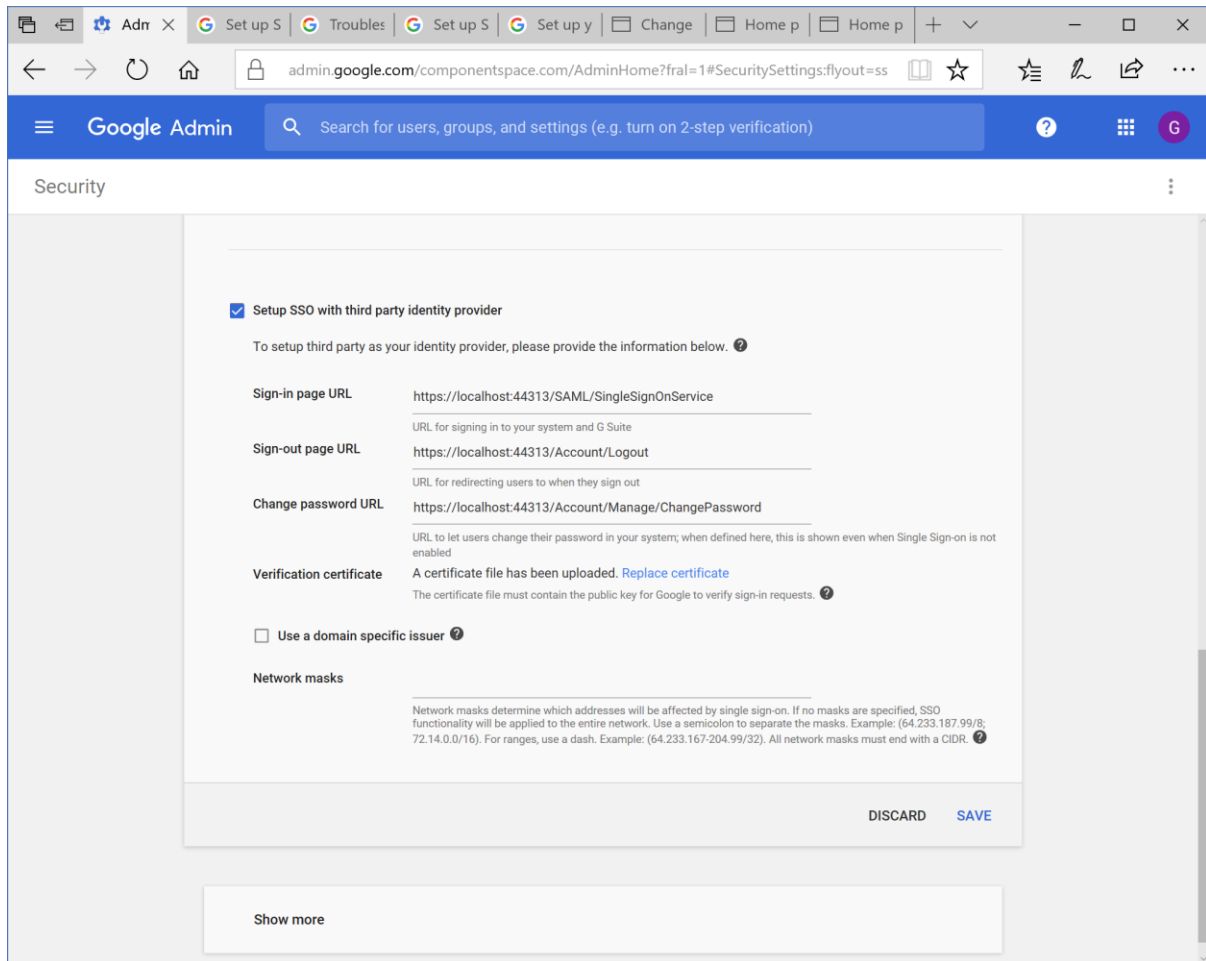
For example:

<https://localhost:44313/Account/Manage/ChangePassword>

The verification certificate is the identity provider's certificate file.

For example:

Idp.cer



Identity Provider Configuration

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

```
<PartnerServiceProvider
  Name="google.com"
  Description="Google G Suite"
  SignSAMLResponse="true"
  AssertionConsumerServiceUrl="https://www.google.com/a/componentspace.com/acs"/>
```

Ensure the PartnerName specifies the correct partner service provider.

The relay state specifies the target URL once IdP-initiated SSO completes.

```
<add key="PartnerName" value="google.com"/>
<add key="RelayState" value="https://docs.google.com/a/componentspace.com"/>
```

SP-Initiated SSO

Browse to <https://gsuite.google.com>.

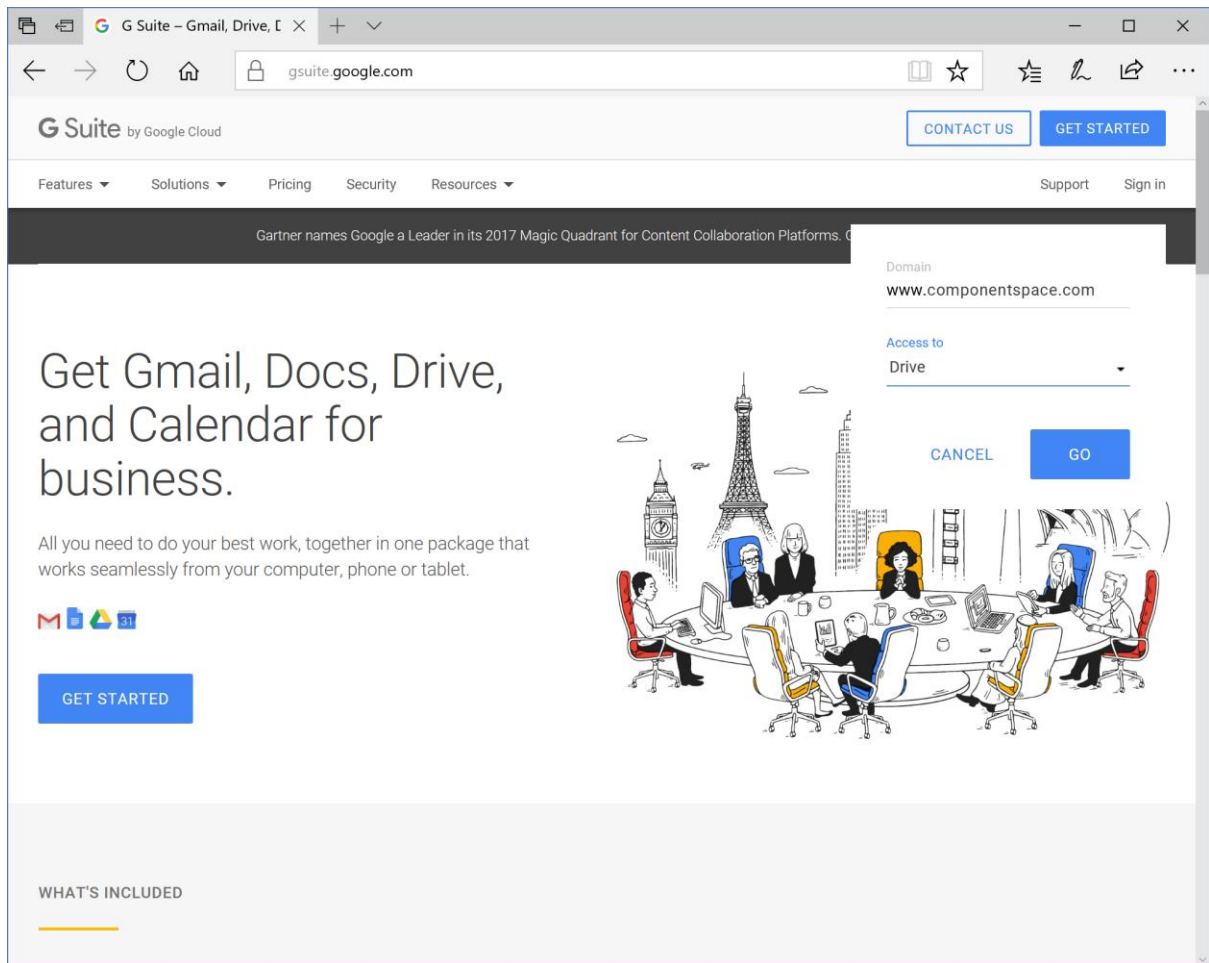
Click Sign in.

Specify the domain and access.

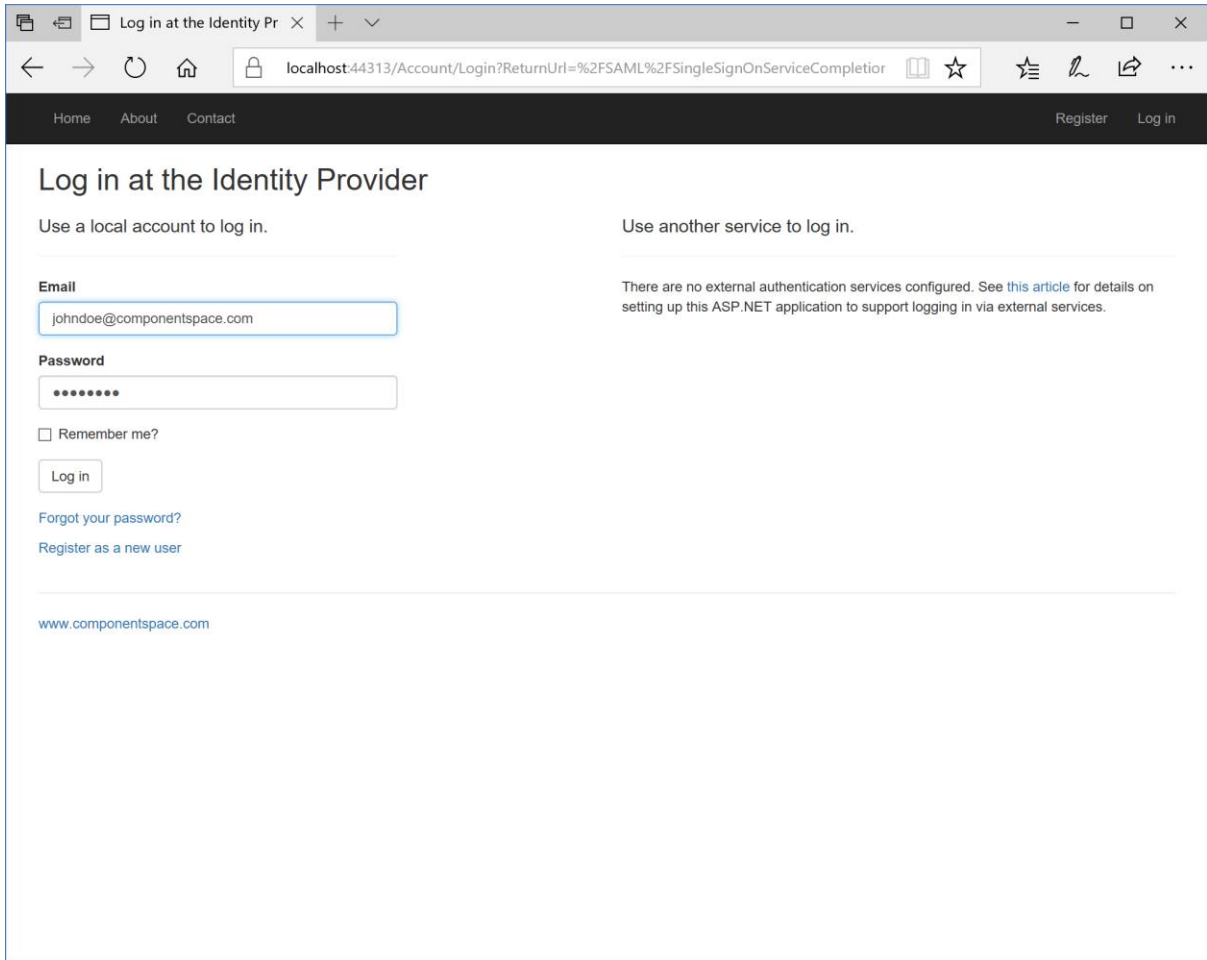
Alternatively, browse directly to the application URL.

For example:

<https://docs.google.com/a/componentspace.com>

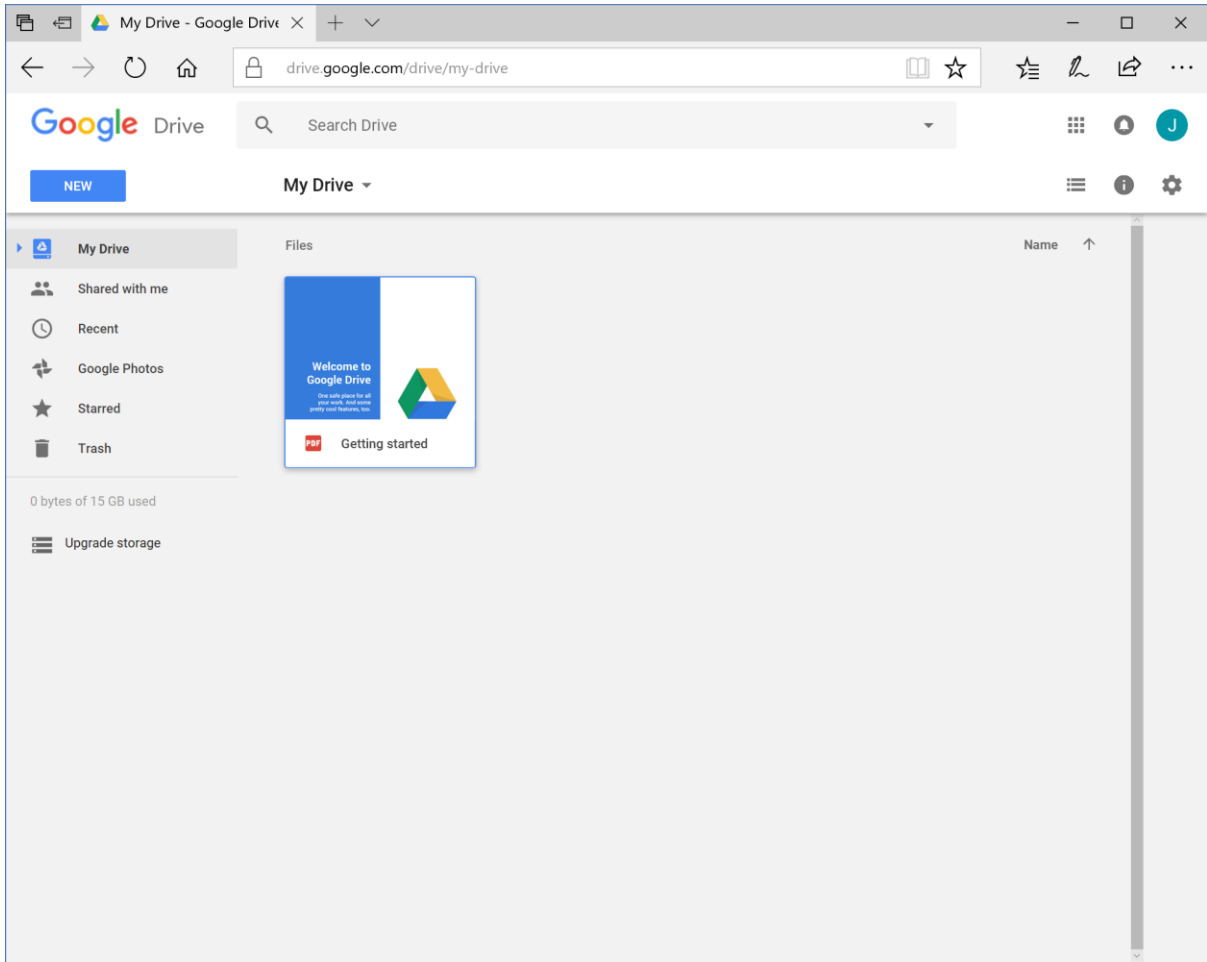


Log in at the example identity provider.

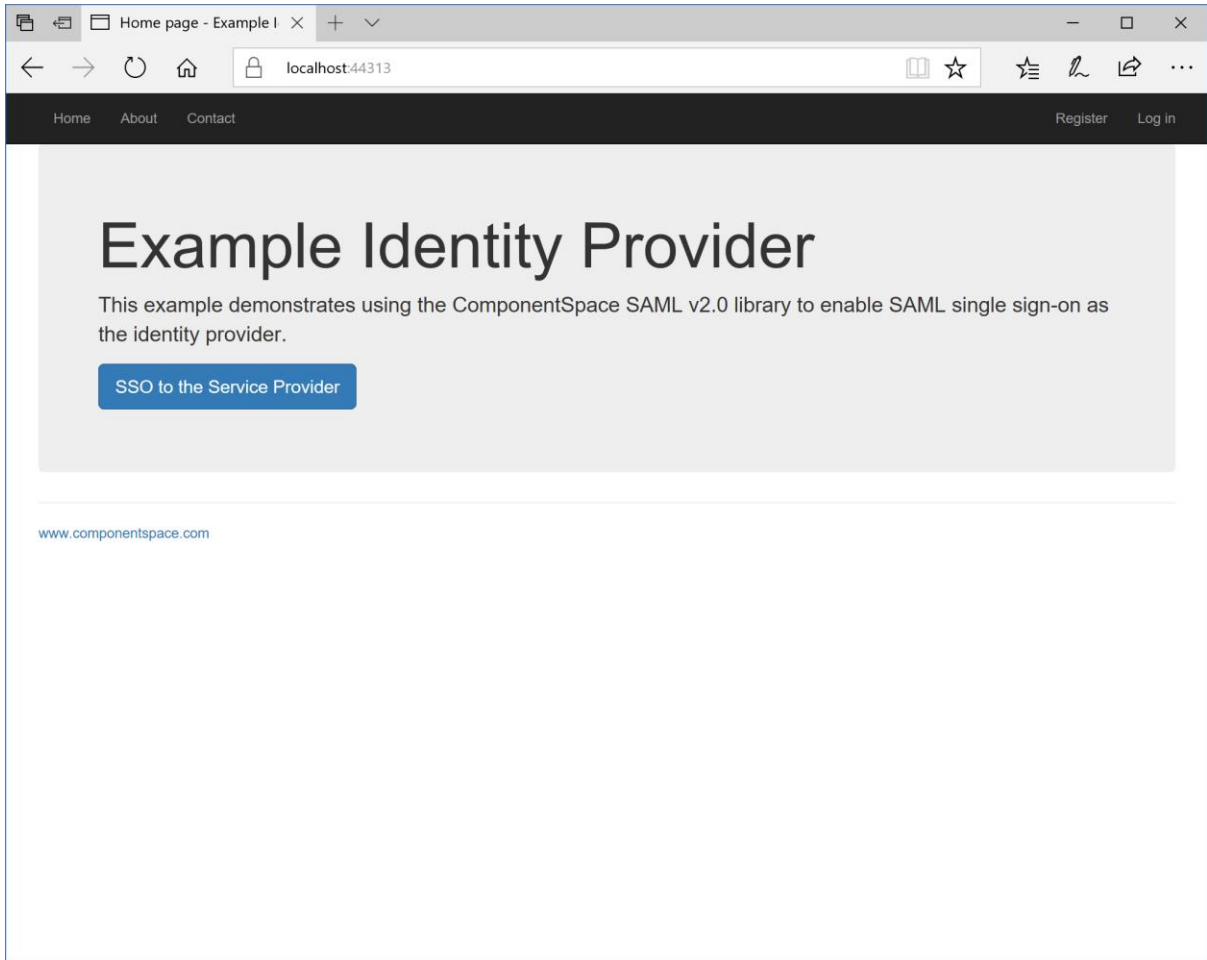


The user is automatically logged in at the service provider.

ComponentSpace SAML for ASP.NET Google Service Provider Integration Guide



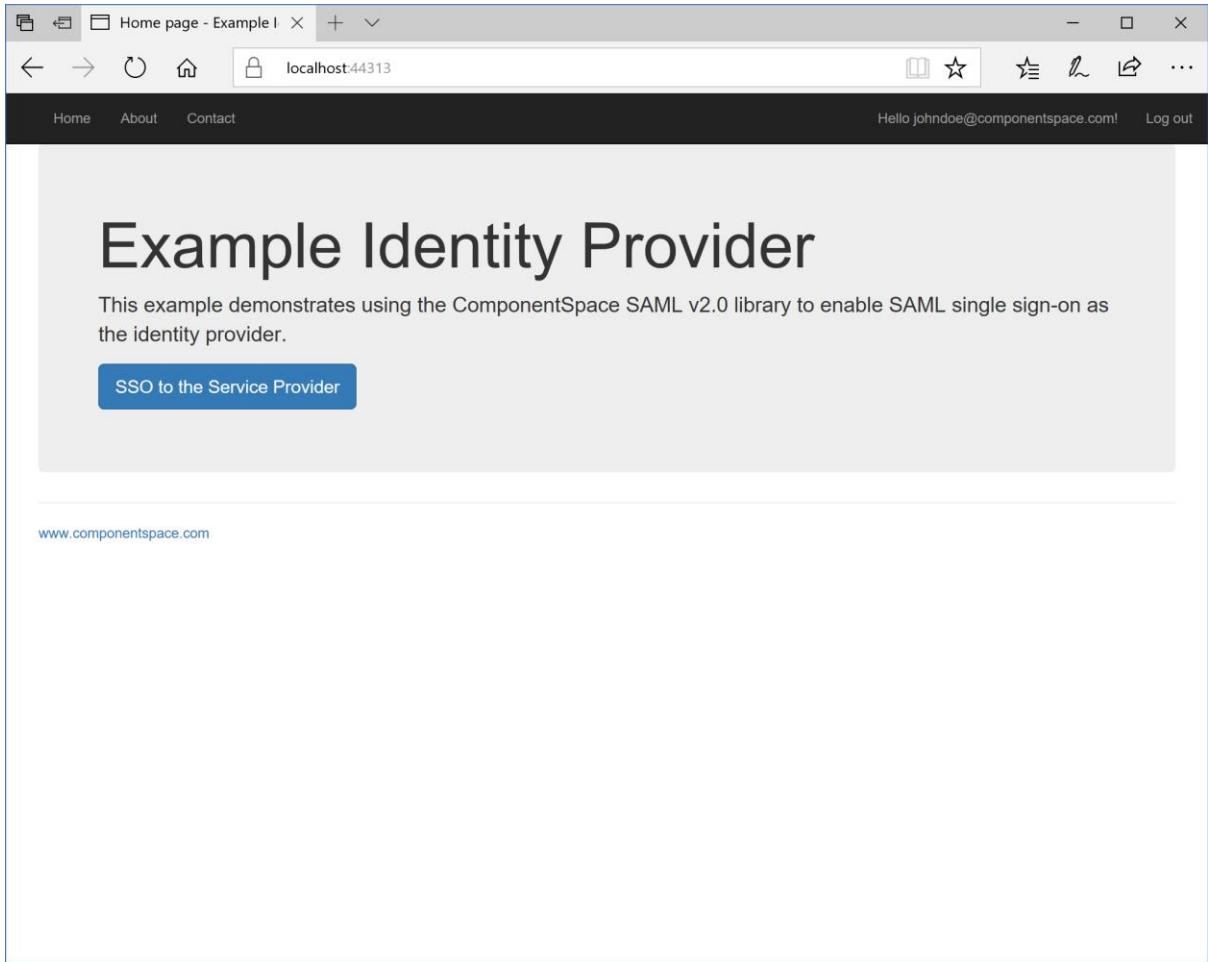
Click the sign out button to return to the example identity provider.



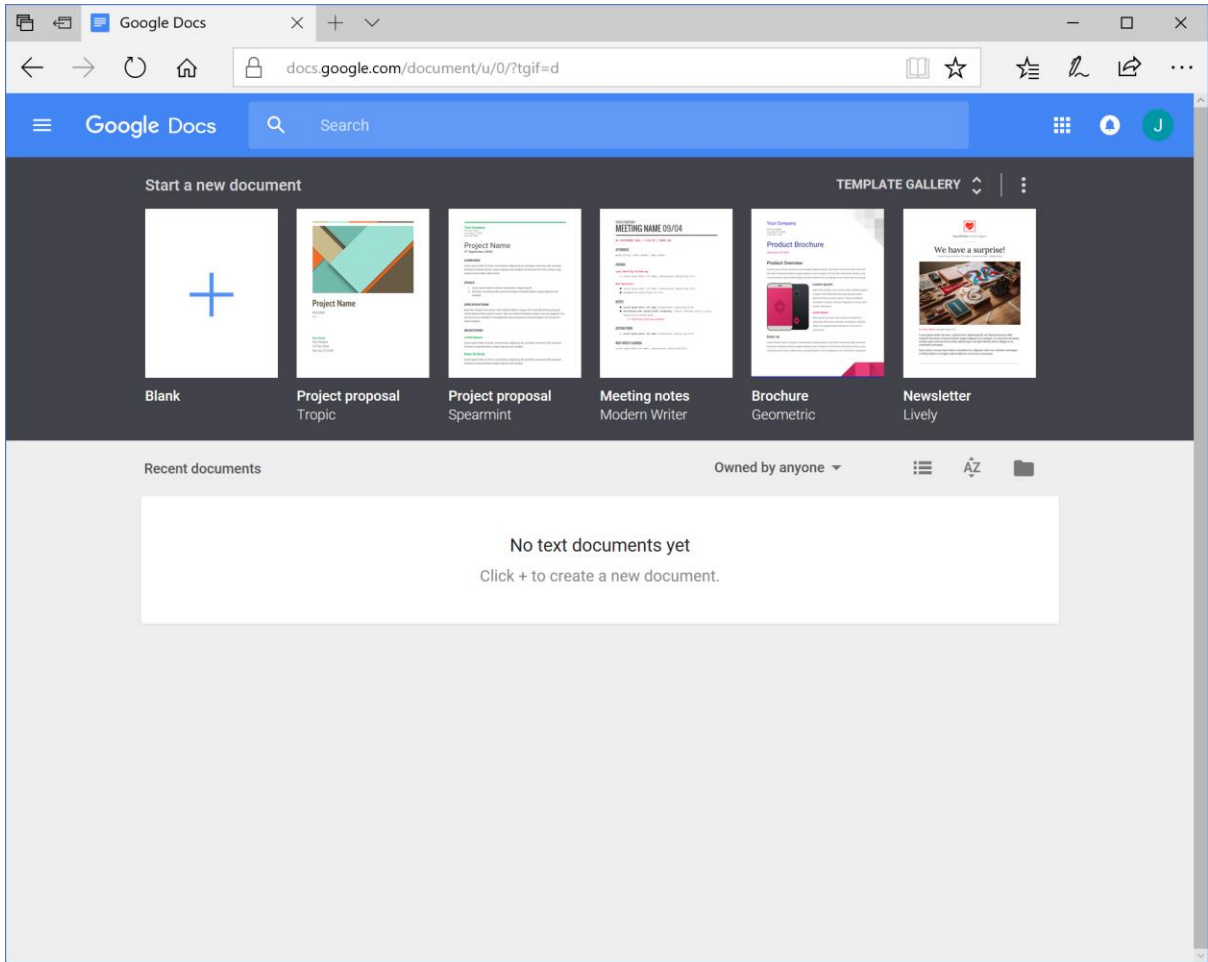
IdP-Initiated SSO

Browse to the example identity provider and login.

Click the SSO to the Service Provider button.



The user is automatically logged in at the service provider.



SAML Logout

Google doesn't support SAML logout.