



ComponentSpace

SAML for ASP.NET Core

Shibboleth

Service Provider

Integration Guide

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Introduction

This document describes integration with Shibboleth as the service provider.

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

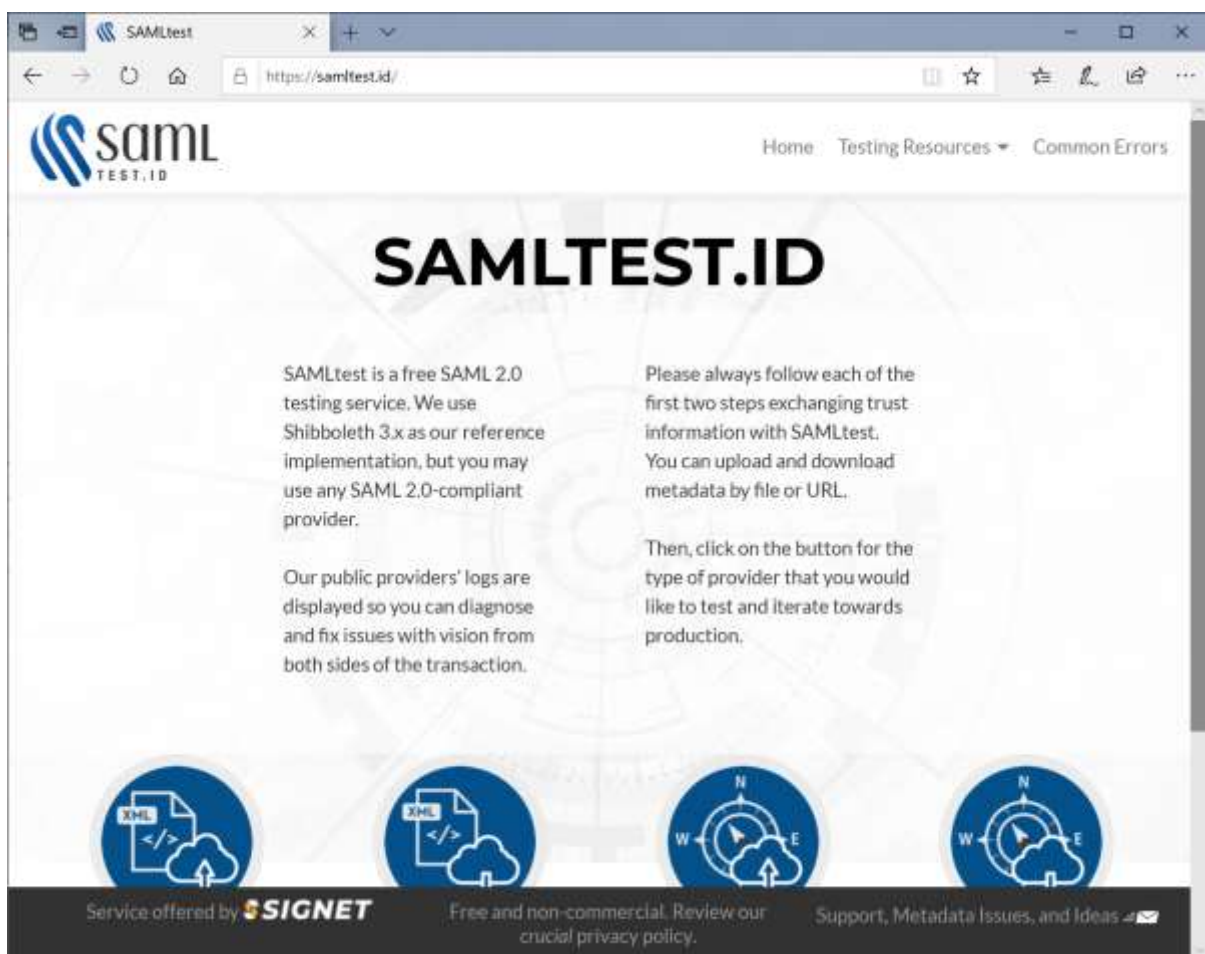
<https://www.shibboleth.net/>

<https://wiki.shibboleth.net/confluence>

Configuring the Shibboleth Test Service Provider

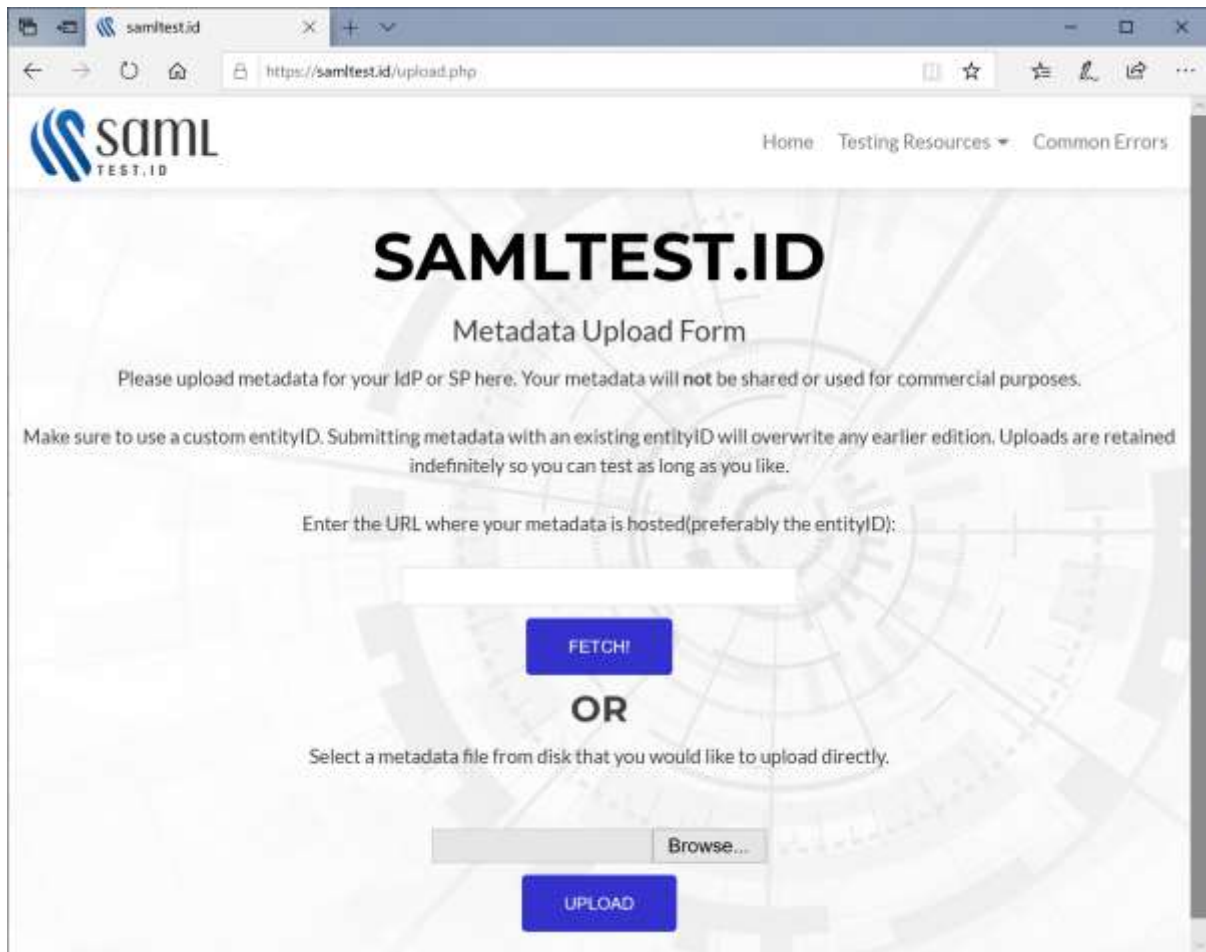
The Shibboleth test identity provider is available at:

<https://samltest.id/>

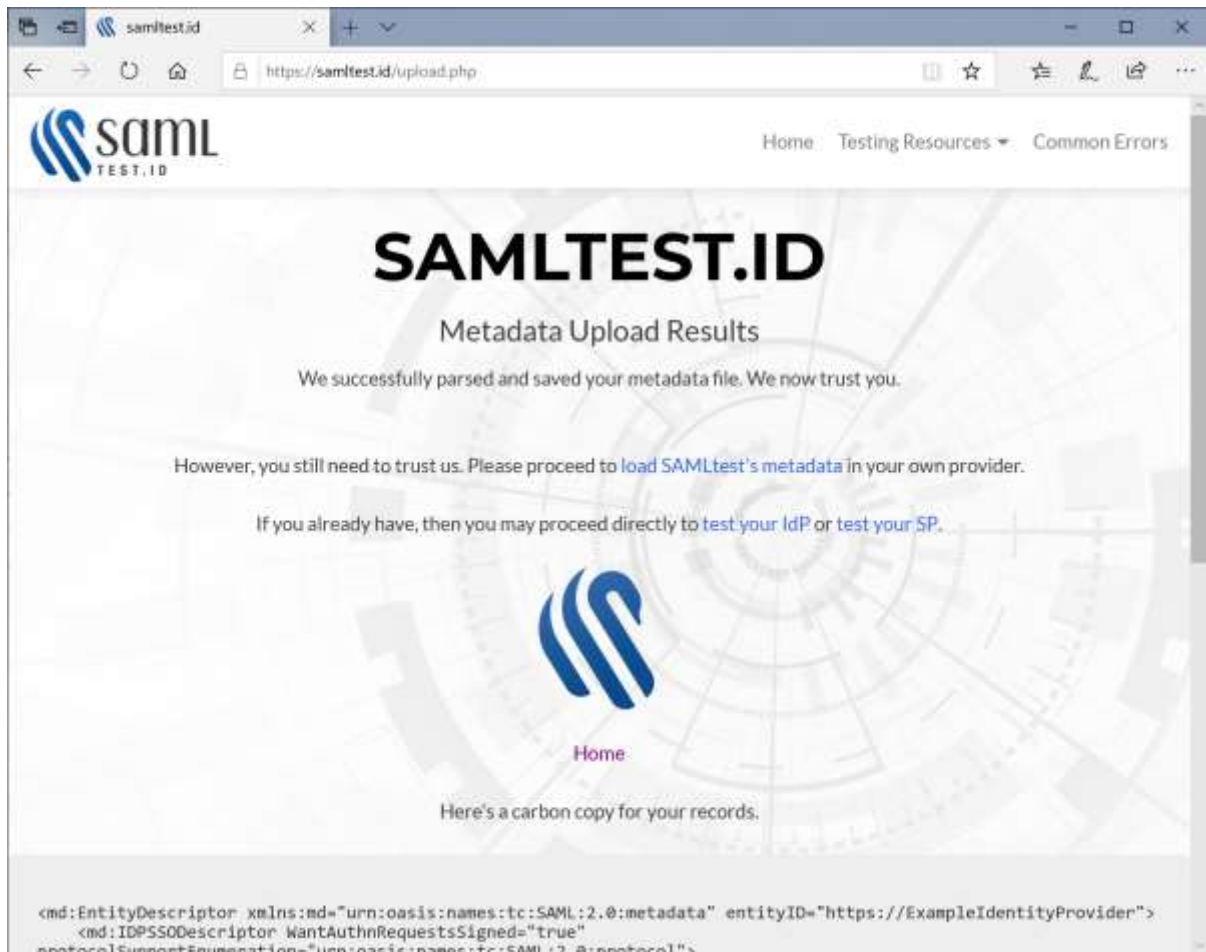


Click the Upload Metadata button and upload the example identity provider's metadata.

The included SAML metadata for the ExampleServiceProvider is used.



The uploaded metadata is displayed for confirmation.



Click the Download Metadata button and download the Shibboleth metadata.

Alternatively, download from:

<https://samltest.id/saml/sp>

This is used to configure the identity provider.

The screenshot shows a web browser window with the URL `https://samltest.id/download/`. The page title is "Download Metadata" and the sub-heading is "SAMLtest Metadata". The main content includes:

- Remember to load the metadata of your partners: if you are an IdP, load SP metadata, and vice versa.
- Both: `https://samltest.id/saml/providers`
- SAMLtest SP only: `https://samltest.id/saml/sp`
- SAMLtest IdP only: `https://samltest.id/saml/idp`
- To load SAMLtest metadata in a Shibboleth 3.x IdP:


```
<MetadataProvider Id="SAMLtest"
  xsi:type="FileBackedHTTPMetadataProvider"
  backingFile="{idp.home}/metadata/SAMLtest.xml"
  metadataURL="https://samltest.id/saml/sp">
  <!-- You should always check the signature and freshness of remote
  metadata. It's commented out until you get the basics working.
  <MetadataFilter xsi:type="SignatureValidation"
    certificateFile="{idp.home}/credentials/signet.crt" />
  <MetadataFilter xsi:type="RequiredValidUntil" maxValidityInterval="P30D"/>
  </MetadataProvider>
```
- To load SAMLtest metadata in a Shibboleth 3.x SP:


```
<MetadataProvider type="XML" validate="true"
  uri="https://samltest.id/saml/idp"
  backingFilePath="SAMLtest.xml">
  <!-- You should always check the signature and freshness of remote
```

The footer of the page includes the text: "Service offered by **SIGNET** Free and non-commercial. Review our crucial privacy policy. Support, Metadata Issues, and Ideas".

Identity Provider Configuration

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

```
{
  "Name": "https://samltest.id/saml/sp",
  "Description": "Shibboleth",
  "WantAuthnRequestSigned": true,
  "SignAssertion": true,
  "EncryptAssertion": true,
  "SignLogoutRequest": true,
  "SignLogoutResponse": true,
  "AssertionConsumerServiceUrl": "https://samltest.id/Shibboleth.sso/SAML2/POST",
  "SingleLogoutServiceUrl": "https://samltest.id/Shibboleth.sso/SLO/Redirect",
  "PartnerCertificates": [
    {
      "Use": "Signature",
      "FileName": "certificates/shibboleth-sig.cer"
    },
    {
      "Use": "Encryption",
      "FileName": "certificates/shibboleth-enc.cer"
    }
  ]
}
```

```
],  
"MappingRules": [  
  {  
    "Rule": "Copy",  
    "Name": "urn:oid:0.9.2342.19200300.100.1.3"  
  }  
]  
}
```

Ensure the PartnerName specifies the correct partner service provider and “/saml-test” is the relay state.

```
"PartnerName": "https://samltest.id/saml/sp"  
"RelayState": "/saml-test"
```

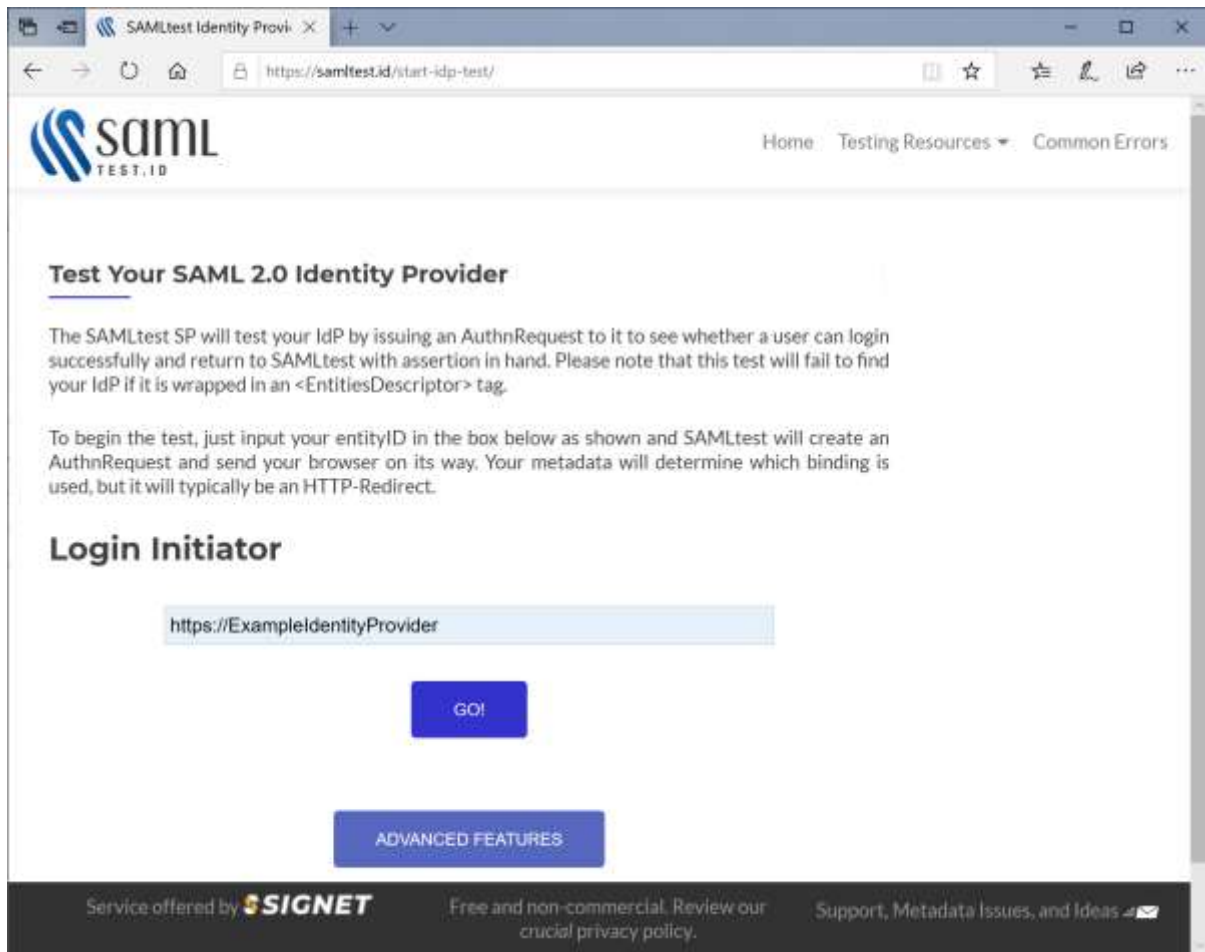
SP-Initiated SSO

Click the Test Your IdP button

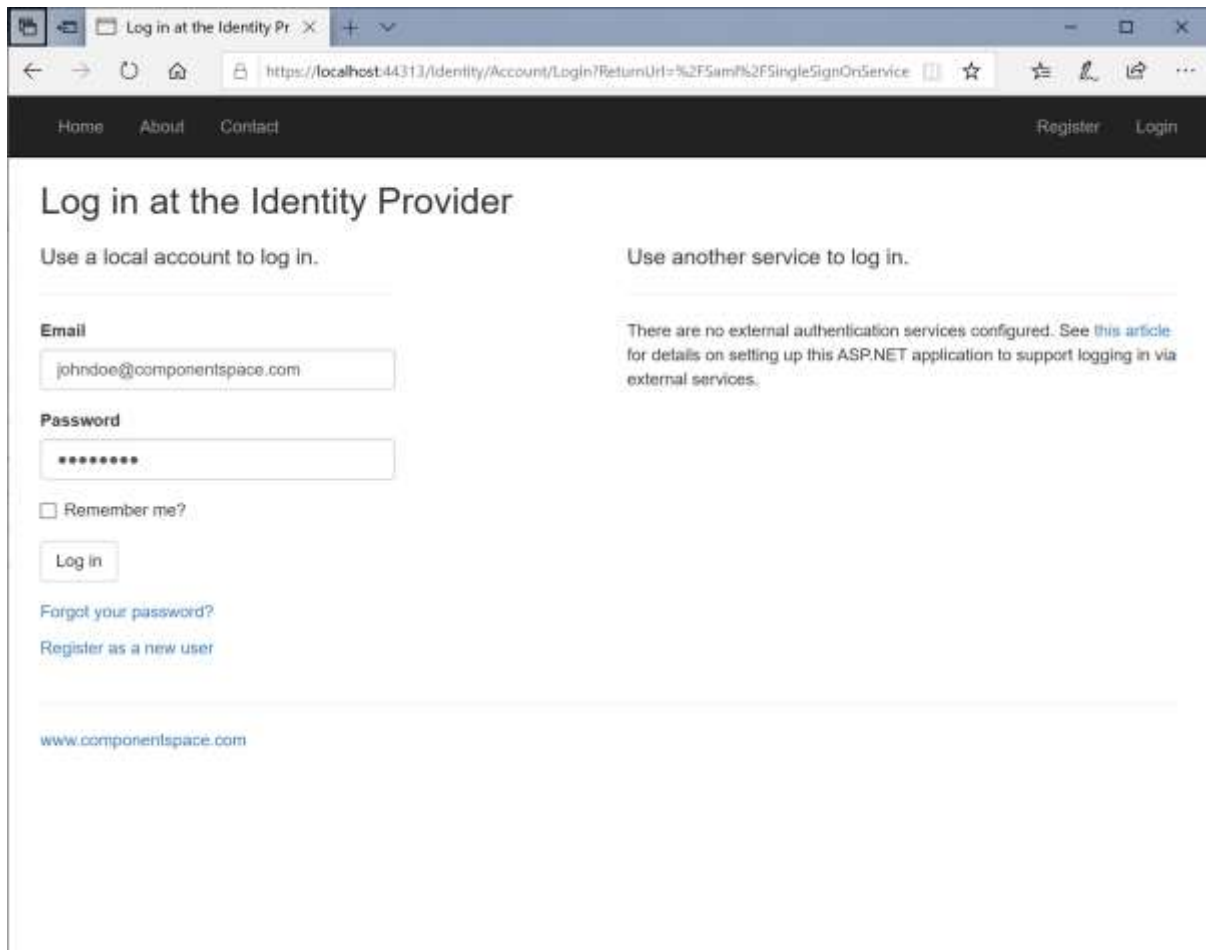
Specify the entity ID.

For example:

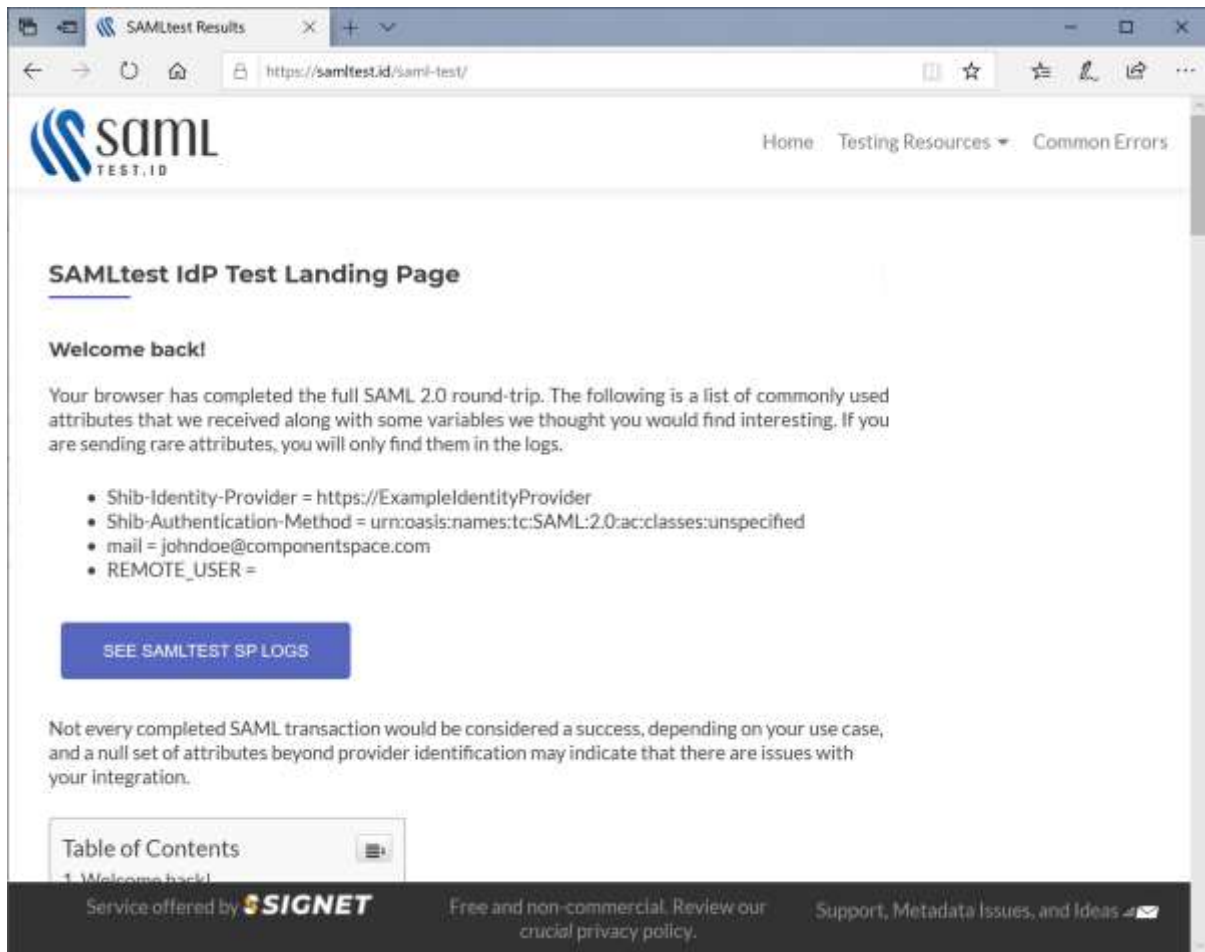
<https://ExampleIdentityProvider>



Log in at the example identity provider.

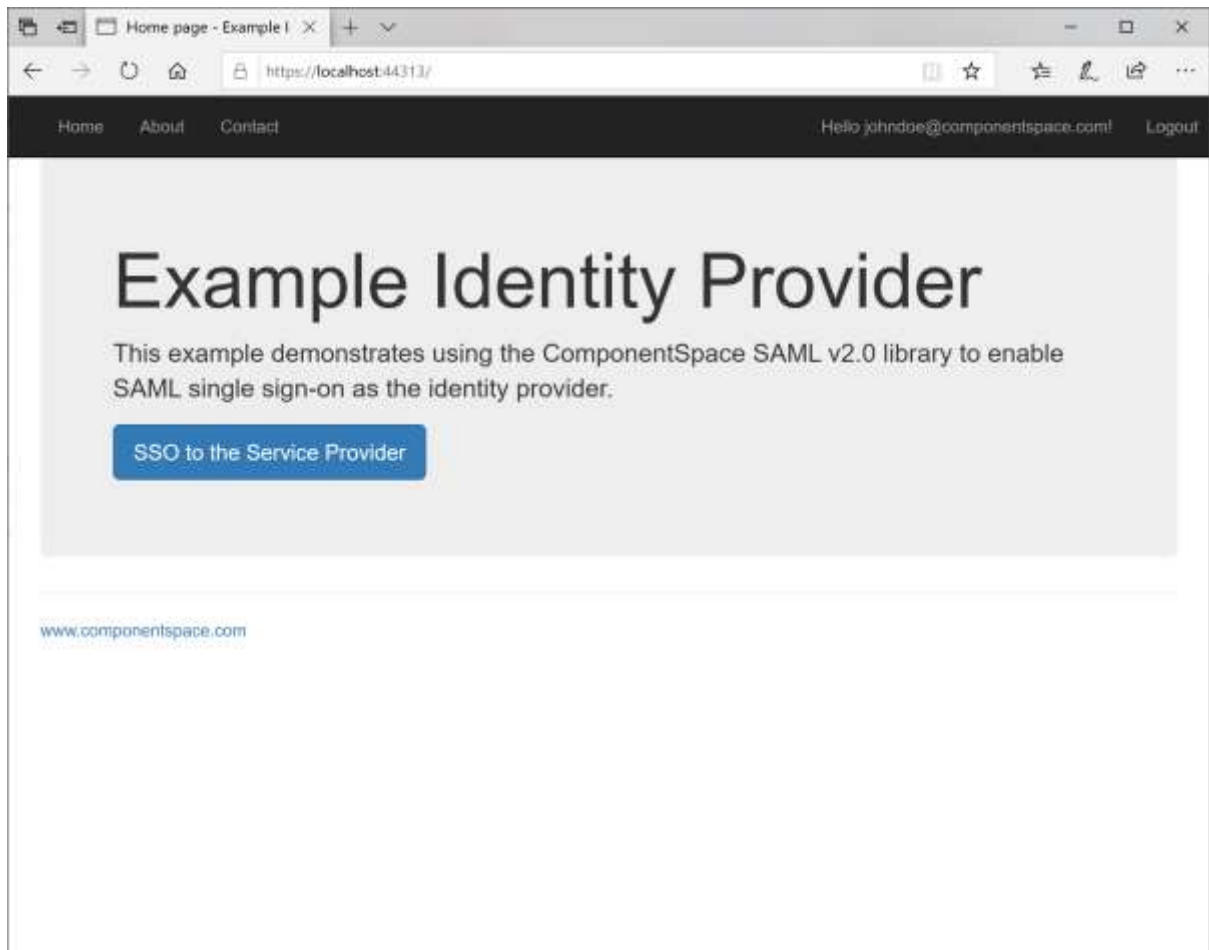


The user is automatically logged in at the service provider.

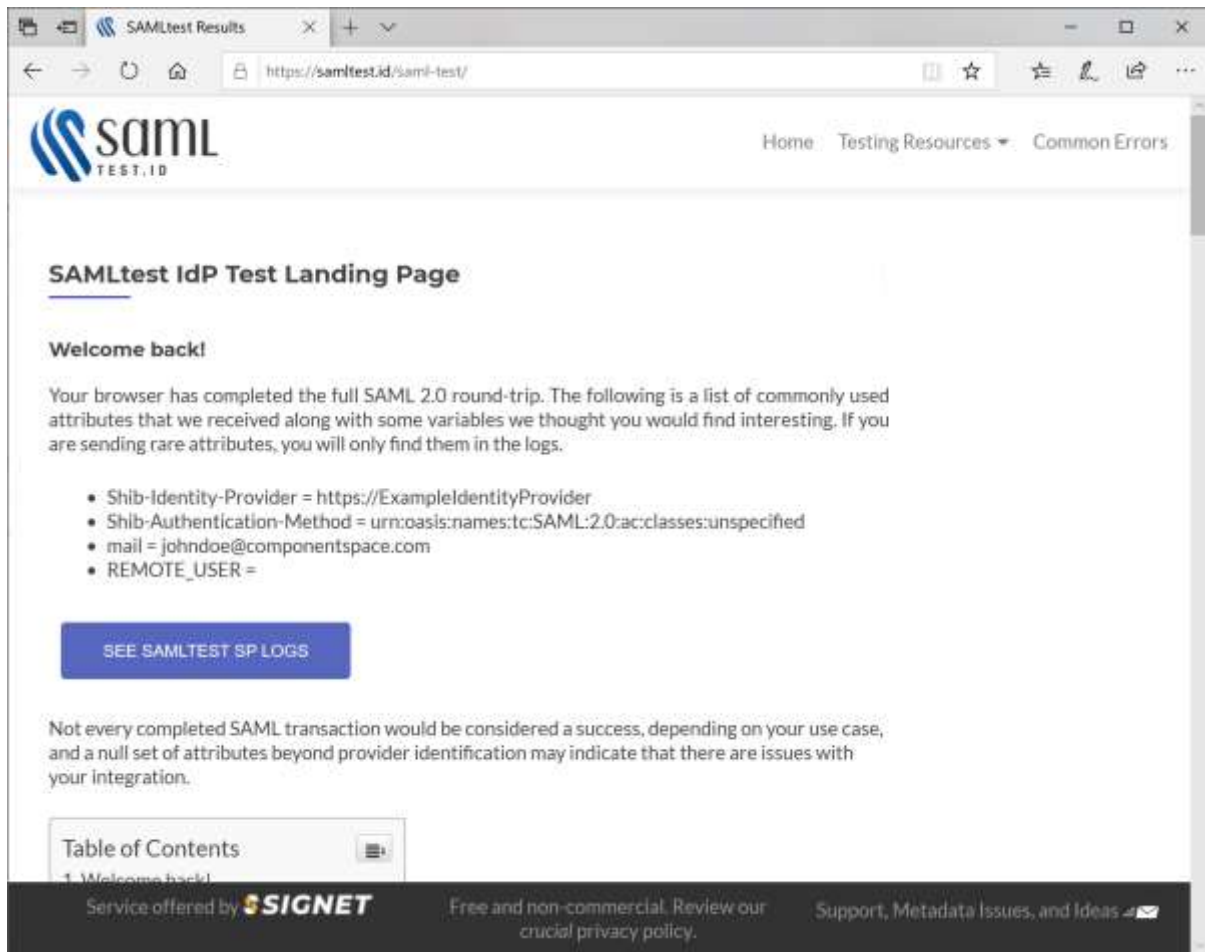


IdP-Initiated SSO

Login at the identity provider and click the link to initiate SSO to the service provider.

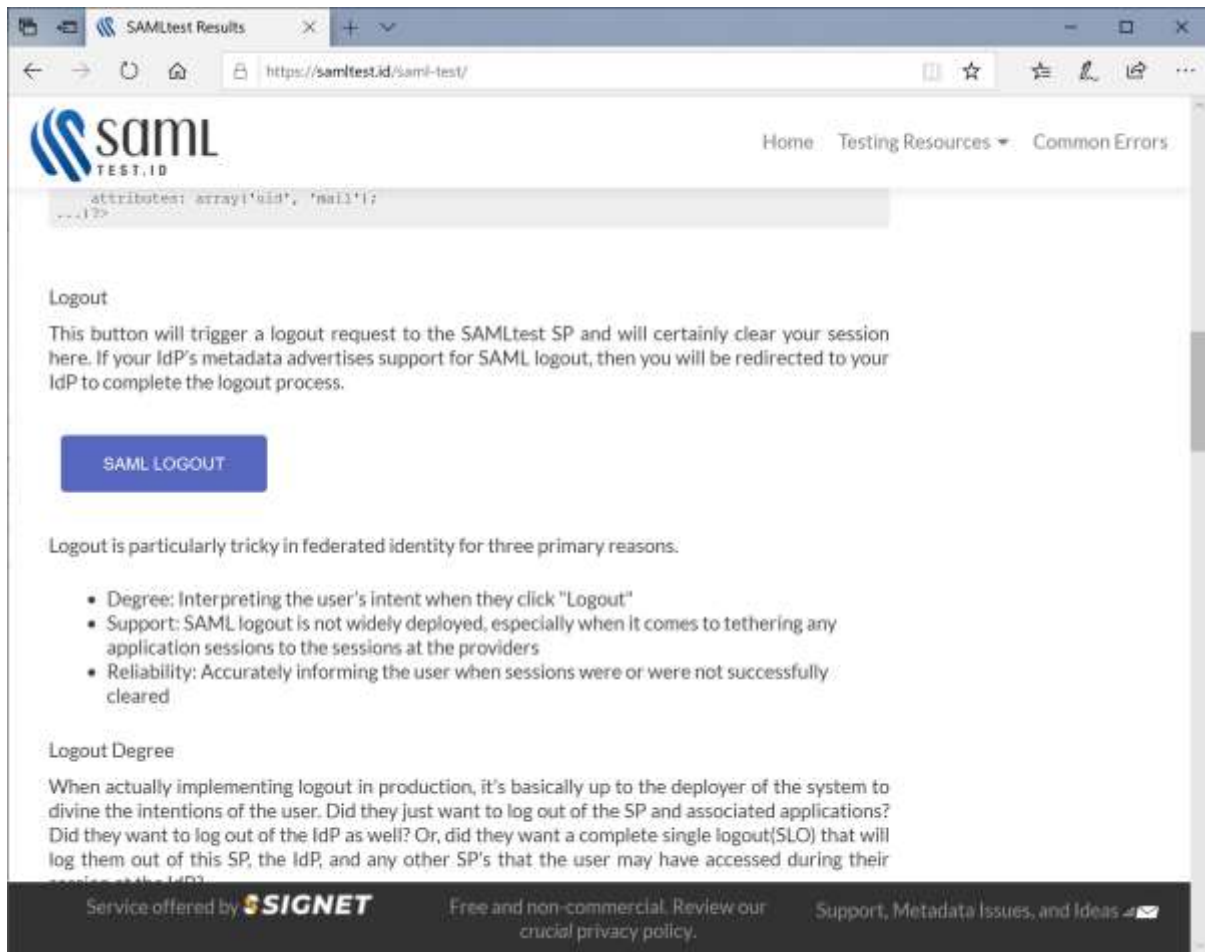


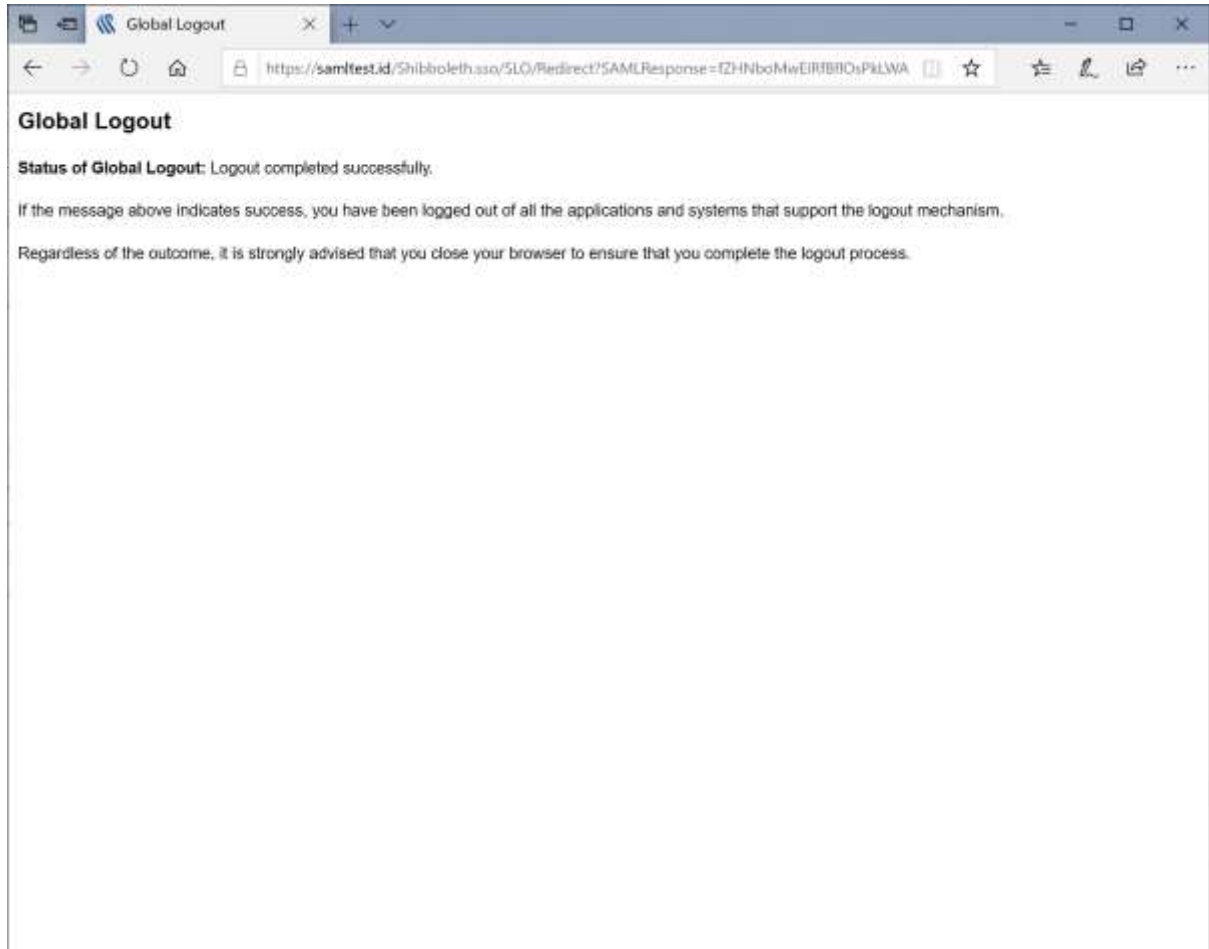
The user is automatically logged in at the service provider.



SAML Logout

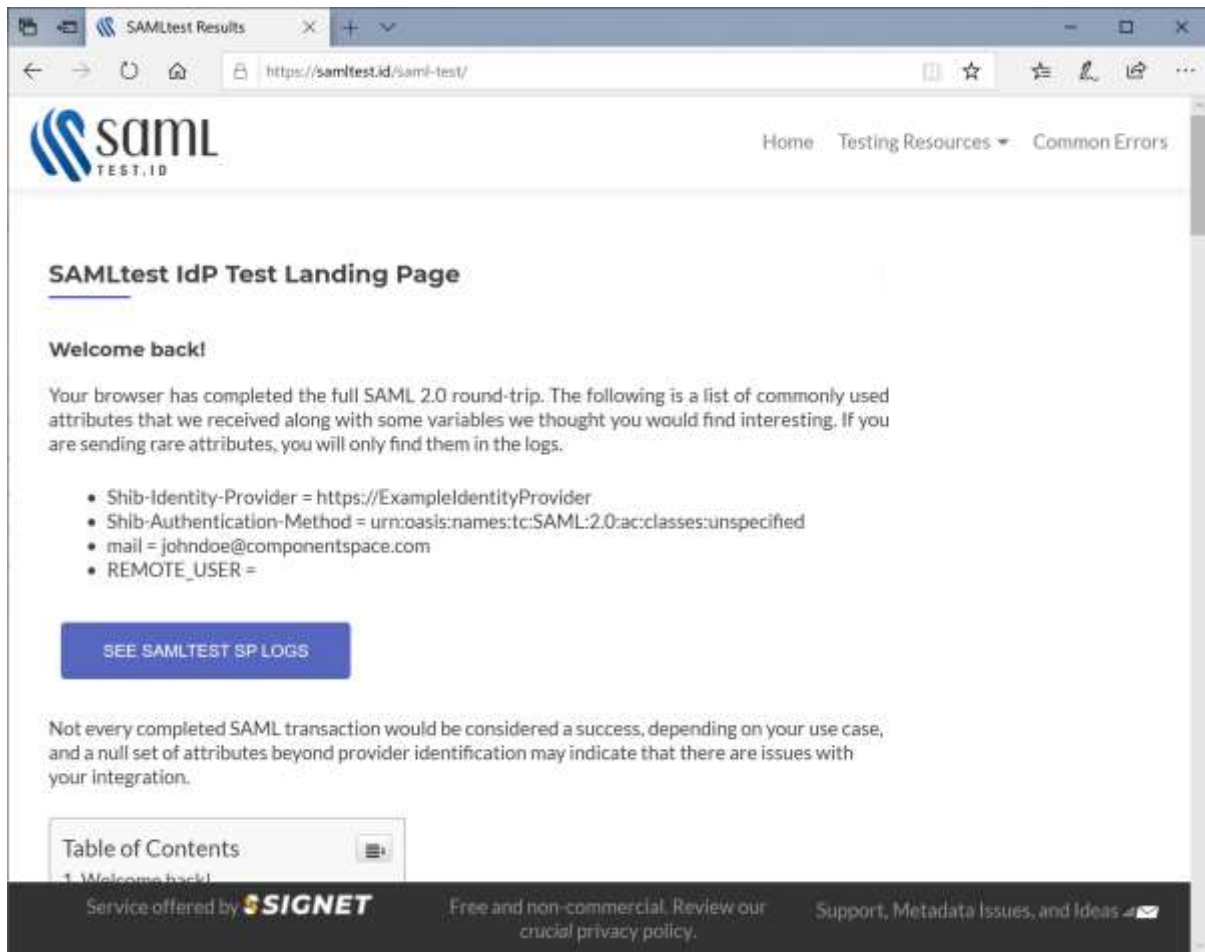
The test Shibboleth service provider supports SP-initiated and IdP-initiated SAML logout.





Troubleshooting Shibboleth SSO

Click the Test Your IdP button to review the SP log.



Alternatively, review the logs at <https://samltest.id/logs/sp.log>.