

University of Minnesota

Self-Help Guide

Shibboleth

Learn about Shibboleth, an open-source single sign-on infrastructure, and how to install and configure it.

Learn

Learn About Shibboleth and Underlying Technologies

Learn About Underlying Technologies

Before setting up Shibboleth for your application, get an understanding of the technologies that make Shibboleth happen.

Learn About Security Assertion Markup Language (SAML)

<https://wiki.oasis-open.org/security/FrontPage>

Learn About Shibboleth

Learn How Shibboleth Works

</services-technologies/resources/how-shibboleth-works>

Learn About the U of M Identity Provider

</services-technologies/resources/about-university-identity-provider>

Reference the Shibboleth Glossary

</services-technologies/resources/shibboleth-glossary>

About the Shibboleth Community

Learn About the InCommon Federation

<http://www.incommon.org/>

Shibboleth Support

<http://shibboleth.net/community/lists.html>

Information, support, and guides

Install and Configure

Install Shibboleth Software

Install the Shibboleth Service Provider (SP)

Shibboleth Setup Instructions for Linux, Windows, and mac OS

<https://wiki.shibboleth.net/confluence/display/SP3/Installation>

Shibboleth Installer for Windows

<https://shibboleth.net/downloads/service-provider/3.5.0/win64/>

Install Shibboleth with Apache on Debian-based Systems

</services-technologies/resources/shibboleth-apache-debian-systems>

SimpleSAMLphp Service Provider QuickStart

<https://simplesamlphp.org/docs/stable/simplesamlphp-sp>

Set Up your Service Provider (SP)

Choose an Entity ID

</services-technologies/resources/choosing-your-shibboleth-entity-id>

Configure the SP Software

<https://tdx.umn.edu/TDClient/31/Portal/KB/ArticleDet?ID=7241>

Shibboleth Attribute Reference

<https://tdx.umn.edu/TDClient/31/Portal/KB/ArticleDet?ID=7258>

Instructions for GitHub access

https://docs.google.com/document/d/1E1QFqDkTMfwevxf0g_tSUdQwmMLsMmvaynSo2Yj9Jl0..

If you are unable to access the link below, you will need to activate your GitHub account

UMN Shibboleth Attribute Map

<https://github.umn.edu/OIT-Identity-Management/iam-public/blob/master/attribute...>

Create Metadata

</services-technologies/resources/creating-metadata-file-your-sp>

Request Your Shibboleth Service Request

<https://tdx.umn.edu/TDClient/31/Portal/Requests/ServiceDet?ID=145>

Enable Duo Two-Factor Authentication for your SP

<https://tdx.umn.edu/TDClient/31/Portal/KB/ArticleDet?ID=7239>

Two-Factor Auth provides additional security for enterprise applications

Troubleshoot

Read the UMN Shibboleth FAQ

</services-technologies/resources/shibboleth-faq>

Official Shibboleth Troubleshooting Guide

<https://wiki.shibboleth.net/confluence/display/SP3/Troubleshooting>

Integrate and Implement

Application Guide

View Community-Contributed Implementation Resources

See the UMN Community Shib GitHub Group

<https://github.umn.edu/umn-community-shib>

You must be an active Student, Staff, or Faculty member to view this page.

Configure Your Application to use your Shibboleth SP

Use the UMN Shib Auth Ruby Gem

https://github.umn.edu/asrweb/umn_shib_auth

Configure Devise to use your Shibboleth SP

https://github.com/jgeorge300/devise_shibboleth_authenticatable

(for web apps that use Ruby on Rails' Devise framework)

Configure Apache to use your Shibboleth SP

</services-technologies/resources/configure-apache-use-your-shibboleth-sp>

(for controlling access to web pages served by Apache httpd)

View a list of Shibboleth-enabled applications and services

<https://wiki.shibboleth.net/confluence/display/SHIB2/ShibEnabled>