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/resour

/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 Service Provider (SP) on a Self-Managed Server

Shibboleth Setup Instructions for Linux, Windows, and mac OS https://wiki.shibboleth.net/confluence/display/SP3/Installation Install Shibboleth with Apache on Debian-based Systems /node/45261

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

Use Configuration Tools

Shibboleth's Lil Helper

https://github.com/umn-asr/shibboleths lil helper

A command-line tool to create configuration and metadata files for Shibboleth SPs

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

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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