Federation Technical Guide

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The Federation Technical Guide provides a convenient way to locate the details and documentation for implementing federated identity management with InCommon.

- Precursors to Technical Implementation
- Technical Implementation
    - Starting with InCommon
    - Identity Attributes
    - Federation Manager
    - Metadata
- Advanced Topics
    - Recommended Practices

Precursors to Technical Implementation

See How to Get Started in the InCommon Federation for an introduction to non-technical aspects of InCommon Federation participation.

Technical Implementation

Starting with InCommon

- Shibboleth IdP installation guide
- Shibboleth SP installation guide
- Shibboleth installation training
- Testing your IdP
- Naming and establishing your EntityID
- Registering your system in the federation: metadata
- Establishing your primary DNS domain

Identity Attributes

- Attribute Overview
- eduPerson Schema

Federation Manager

- Getting credentials to access federation manager
- Using the federation manager

Metadata

- General Information

Advanced Topics

Recommended Practices

The InCommon community has developed a set of recommended practices for many aspects of federation practice. You can navigate to the Recommended Practices page for these and other topics:

- Organizational Presence
    - Contacts in Metadata
    - Federated Security Incident Response
- Technical Basics
    - Metadata consumption (refreshed daily)
    - Scope in Metadata (IdP)
    - x.509 certificates in metadata
    - SAML protocol endpoints
    - User Interface elements in metadata (IdP and SP)
    - Requested attributes in metadata
- Operational Maturity
    - Maintaining supported software
    - Federation user experience
- Maximizing the Federation
    - Identity Provider attribute release process

- Persistent identifier support