

InCommon Federation Library

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Get Started

InCommon makes possible trustworthy academic collaboration that reaches far beyond what a single organization can do on its own, through identity and access management technologies and services that are integrated across the globe. Learn how you can participate:

- READ THIS FIRST: [understanding-research-and-education-federation](#)
- [Join the InCommon Federation](#)
- [get-going-with-incommon-federation](#)
- [Working with User Data](#)
- [meet-baseline-expectations](#)
- [adopt-saml-deployment-profile](#)

Working with InCommon Metadata

Federation Manager

Use the Federation Manager to upload and publish your metadata to the InCommon Federation:

- [Manage metadata with the Federation Manager](#)
- [Sign into Federation Manager](#)

InCommon Metadata Service

Retrieve IdP and SP metadata in InCommon and R&E federations around the world.

- [Using the InCommon Metadata Service](#)
- [Download InCommon metadata](#)

Working with the Discovery Service

Configure the discovery service to help your users easily find their home organizations during federated single sign on.

- [Learn about the InCommon Discovery Service](#)

Best Practices and References

Help the InCommon Federation help you get the most out of being InCommon. Learn and adopt Federation best practices.

- [meet-baseline-expectations](#)
- [adopt-saml-deployment-profile](#)
- [Declare Qualification and Support with Entity Categories](#)
- [Understand SAML Metadata and Its Use in InCommon](#)

Baseline Expectations - Improvements coming soon!

October 2023

The InCommon Federation operations team has been working throughout 2023 to introduce a series of enhancements to help participants maintain adherence with Baseline Expectations. We are happy to announce that the first set of these changes will soon appear in Federation Manager. Follow the link below to learn more about InCommon's ongoing effort to operationalize Baseline Expectations.

Integrate Microsoft Azure AD with InCommon Federation

April 2023

Microsoft recently published an identity architecture and deployment guide on integrating Microsoft Azure AD with the InCommon Federation. If you are using Azure AD, be sure to check out this article to learn more:

GET NIH Ready

Follow this NIH-readiness resource page; get the latest on NIH's initiative to standardize and streamline federated access to NIH resources and what you need to do to meet its requirements.

Support Research & Scholarship (R&S)

Do your part to help combat the COVID-19 pandemic: configure your identity provider to support the REFEDS Research and Scholarship category to rapidly connect your researchers and scientists with international collaborations

- [What is REFEDS R&S?](#)
- [What do I need to do to support R&S?](#)
- [Research resources: apply for R&S category](#)
- [R&S Adoption Dashboard](#)

- [Handle Federated SSO Errors with Error Handling Service](#)
- [Federation Best Practices](#)
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- [Get Software: InCommon Trusted Access Platform](#)
- [Microsoft Azure AD Documentation - University multilateral federation solutions](#)

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