

# sp-onboarding-guide

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Are you looking to integrate your services with the single sign-on solutions in the InCommon community? These topics introduce you to federated identity management concepts and standards in research and education (R&E) and help you design your services to work better in the R&E community.

## Foundational Concepts

Collaboration in the R&E community differs subtly from typical commercial collaborations. Find out how these differences affect services, and why InCommon Federation is important in that collaboration.

- [Understanding R&E collaboration and federation](#)
- [Determine How Your Offering Contributes to Providing a Service](#)
- [Step-by-step guide to offering services in the InCommon community](#)

## Integration Topics

- [Software maker: build InCommon-ready software](#)
- [Cloud platform provider: deploy InCommon-ready platforms](#)
- [Support multi-factor authentication with REFEDS MFA Profile](#)
- [Service discovery best practices: using the InCommon Metadata](#)
- [Help the user find home with InCommon Wayfinder](#)
- [Handling Federated SSO errors](#)

## Working with User Data

- [Supported user attributes in the InCommon Federation](#)
- [An Introduction to User Data](#)
- [Choosing the right user identifier](#)
- [Handling users from multiple IdPs](#)

## References

- [Putting things into Gear - Get Going with InCommon Federation](#)
- [Meet Baseline Expectations](#)
- [Beyond Technology: Sharing the Burden of User Support](#)
- [InCommon Participation Agreement](#)
- [SAML Representation of InCommon Metadata](#)
- [Technical profiles and specifications](#)