

Roadmap for Operationalizing eduGAIN



Deprecated

Note that this page has been deprecated. The information it contains is no longer current.

This is a roadmap for operationalizing eduGAIN participation in the InCommon Federation.

Contents:

- [Milestones](#)
 - [Phase 0 \[DONE\]](#) Introduce the MD-RPI schema
 - [Phase 1 \[DONE\]](#) Deploy user interfaces in the FM
 - [Phase 2 \[DONE\]](#) Import eduGAIN metadata into the preview aggregate
 - [Phase 3 \[DONE\]](#) Begin production integration with eduGAIN
 - [Phase 4 \[DONE\]](#) Complete production integration with eduGAIN



A *Global Metadata Aggregator* that imports eduGAIN metadata as outlined in this document has been developed and deployed by InCommon Operations. Using this new infrastructure, a snapshot of [InCommon metadata](#) was taken on February 15, 2016.

Milestones

Phase 0 [DONE] Introduce the MD-RPI schema

Introduce the MD-RPI schema into production metadata.

- Introduce the `<mdrpi:RegistrationInfo>` element into production metadata
- Introduce the `registered-by-incommon` entity attribute into production metadata
- Introduce the `<mdrpi:PublicationInfo>` element into production metadata
 - Align with the `<mdrpi:PublicationInfo>` element in the export aggregate

For more info: [Registered By InCommon Category](#)

Phase 1 [DONE] Deploy user interfaces in the FM

Deploy user interfaces in the Federation Manager. Perform the following operations:

1. **Deploy an updated user interface for requested attributes in the Federation Manager**
 - a. Deprecate SAML1-format `<md:RequestedAttribute>` elements in SP metadata
 - b. Support the `isRequired` XML attribute in SP metadata
2. **Deploy a user interface for IdPs in the Federation Manager**
 - a. Give Site Administrators the ability to self-assert membership in the [Hide From Discovery Category](#)
3. **Deploy initial user interfaces for IdPs and SPs in the Federation Manager**
 - a. Give Site Administrators the ability to opt out of default export of IdP metadata
 - b. Give Site Administrators the ability to explicitly opt into the export of SP metadata

For more info: Federation Manager [Release Notes](#)

Phase 2 [DONE] Import eduGAIN metadata into the preview aggregate

Import eduGAIN metadata into the preview aggregate. Perform the following operation:

1. **Import global metadata into the preview aggregate**
 - a. Advise deployers to point their pre-production systems at the preview aggregate



Post-Phase 2 Metrics

Upon completion of Phase 2 (on January 15, 2016), the InCommon preview aggregate was over 32MB in size, with 1934 IdPs and 3635 SPs.

Phase 3 [DONE] Begin production integration with eduGAIN

Sync the main production aggregate with the preview aggregate and begin exporting metadata at scale to eduGAIN. Perform the following operations *in order*:

1. **Deploy final user interfaces for IdPs and SPs in the Federation Manager**
 - a. Continue to give Site Administrators the ability to opt out of default export of IdP metadata
 - b. Continue to give Site Administrators the ability to explicitly opt into the export of SP metadata
2. **Import global metadata into the main production aggregate**
 - a. Sync the main production aggregate with the preview aggregate
 - b. Maintain the fallback aggregate for a minimum of one month
3. **Export InCommon metadata to eduGAIN**
 - a. Export all IdP metadata by default, except those IdPs that have explicitly opted out
 - b. Export SP metadata on demand, for those SPs that have explicitly opted in



Post-Phase 3 Metrics

Upon completion of Phase 3 (on February 15, 2016), the main InCommon aggregate was over 32MB in size, with 1991 IdPs and 3713 SPs.

Phase 4 [**DONE**] Complete production integration with eduGAIN

Sync all [metadata aggregates](#) in the pipeline.

1. Import global metadata into the fallback aggregate
 - a. Sync the fallback aggregate with the main production aggregate.



Post-Phase 4 Status

All [metadata aggregates](#) are in sync as of March 29, 2016. Full integration status has been achieved.