eduGain and InCommon
eduGAIN Policy Flow

GEANT
(governing structure)

eduGAIN Service

EU National R&E Federations
(Gov sponsored)

Feds in Asia, Middle East, India, Africa, North & South America, ...

US Federation
(InCommon run by Internet2)
A Word about Metadata

InCommon Metadata Aggregate
(Official “phone” book)
What’s in the Metadata Aggregate?

- Information about:
  - Security (signing keys)
  - Contacts (troubleshooting and support)
  - Connection (URLs of services)
  - Verifier of the orgs/metadata (InCommon)
  - Policy and practice compliance “tags” (R&S, Assurance)
How is Metadata Aggregate Used?

- If metadata from **identity provider** at University A is in aggregate and **service** at University B is also in aggregate:
  - University B service MAY accept authenticated University A users.
  - University A MAY provide authentication for University B service.
  - University A chooses how much information about user to release to University B.
  - University B chooses how much information it requires from University A about user to accept identity.
- Exchanging metadata does **not** imply interoperation will or should happen.
eduGAIN is about Metadata Exchange
Review of the eduGAIN Documents

- Black are items that we may want to consider
- Grey are possibly out of scope for InCommon Participants
eduGAIN Declaration: Requirements of InCommon

- Publish public InCommon metadata subset for inclusion in eduGAIN and available to other federations and their members
- Make public eduGAIN metadata subset available to InCommon participants
- Be transparent about operations: Registration Practices, Policies, and notification of changes
- Help other federations dispute resolution, technical and policy questions
- Agree that an org in the eduGAIN metadata only need follow the rules of its own federation
- Be bound by local law only
- Have no additional financial obligations

Internet2 has signed this declaration on behalf of InCommon
eduGAIN Attribute Profile: Requirements of InCommon

- Recommend that eduGAIN-participating InCommon Identity Providers provide the following attributes in addition to what InCommon already recommends:
  - Common name (included in eduPerson standard)
  - schacHomeOrganization (Euro standard)
  - schacHomeOrganizationType (Euro standard)
eduGAIN Constitution: Requirements of InCommon

- Abide by the eduGAIN Executive Committee decisions
  - Constitution changes, required technical profiles and policy docs, updates to requirements and docs.
  - “If the eEC decides not to ratify a decision made by the eSG, the issue is returned to the eSG.”

- Participate in the eduGAIN Steering Group
  - Governs service operations, changes and enhancements.

- Satisfy the requirements for participation
  - R&E mission, contacts, incidents/complaints process, publish how InC assembles metadata, format the metadata file according to their requirements. (Communication)

- Follow join and leaving process.

- Communication
  - No right of interoperating for participants.
eduGAIN Constitution: Requirements of InCommon

- Dispute Resolution
- Trademarks, Updating the Constitution, etc.
eduGAIN Metadata Profile: Requirements of InCommon

- Describes the metadata format and rules (Technical Communication)
eduGAIN SAML2 Profile: Requirements of InCommon

- Describes the SAML2 interoperability requirements