



# Swedish Infraservice Update

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# Current Issues in SWAMI

- Setting up Identity Federations
- Support for NyA (new student admittance system)
- Development/assembly of Identity Management System
- Deployment of Eduroam federation
- GMAI – General Model for AuthZ Information
- Application Management Contract
- Information, Marketing and Documentation
- norEdu\* - best current practice



# The Purpose of our Federations

- The Purpose of our federations are to provide basic infrastructures for identities of network accessible entities
- An infrastructure
  - that handles Identity management
  - provides Authentication service and
  - provides Attribute release service
- ... to support
  - the design and deployment of distributed systems
  - the cooperation with Service Partners



# They are Identity Federations

- We give up the rights to freely issue identities
  - This is regulated in
    - an Identity Federation Policy and
    - a Member Agreement
- A Federation Member often is a Service Provider as well as an Identity Provider
- We gain by
  - not having to build trust for the identities on our own
    - Trust from other federations
    - Trust from service partners
  - being able to use the AuthN and Attr Release Serv

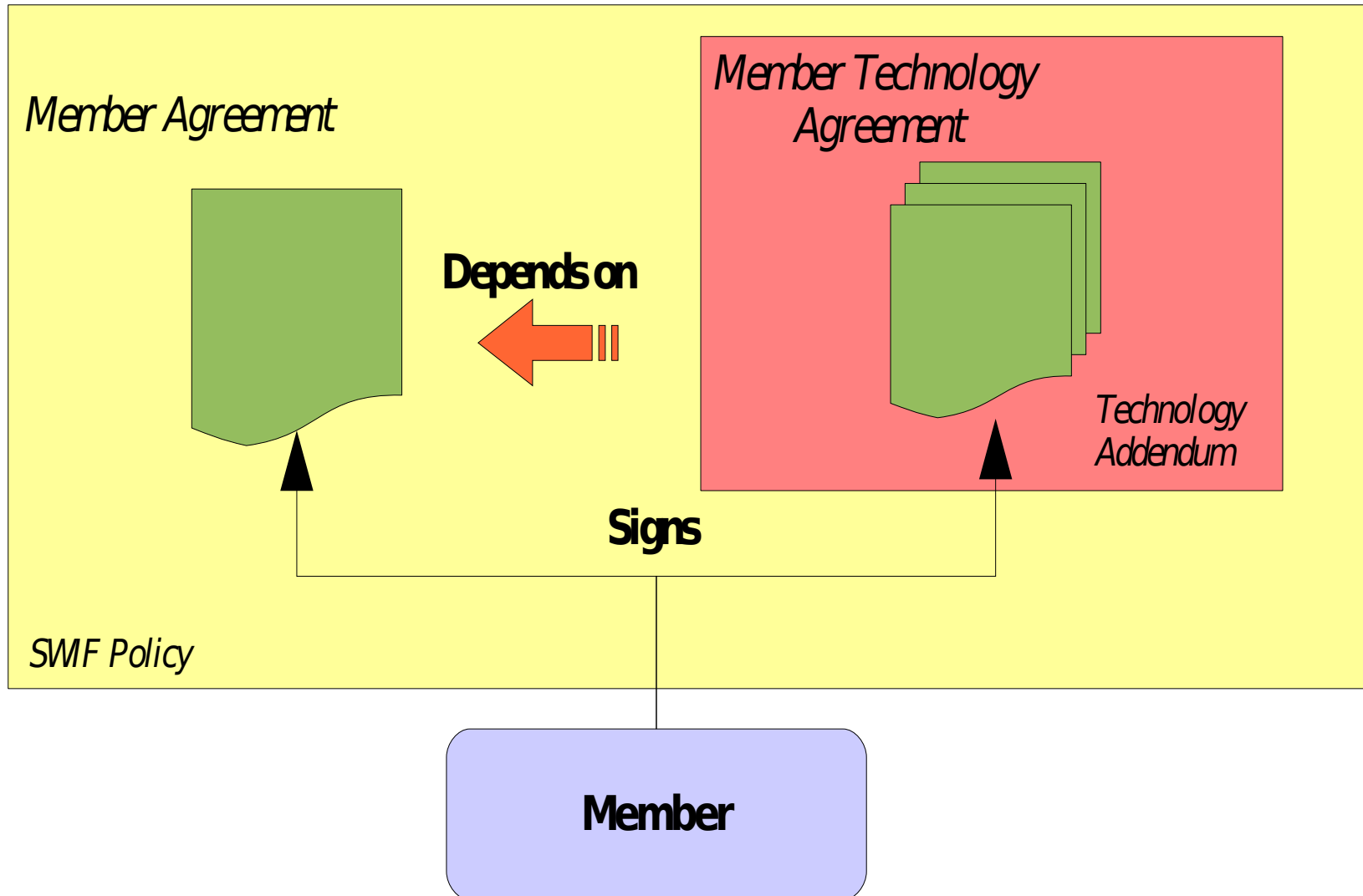


# Federation Technologies

- In addition to the
  - Identity Federation Policy
  - Member Agreement
- we need to choose technologies for the communication of federated service requests and replies
- Which ones? It will vary depending on the nature of the services
  - eduroam, shibboleth (SAML), cwa, ...



# We end up with following formal structure





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- Identity Federation Policy
- Member Agreement
  - may be Service Provider as well as Identity Provider
- For each Federation Technology
  - A Technology Addendum to the Policy
  - A Technology Member Agreement



# The Policy regulates

- The governance of the federation
- The management of identities
- The responsibilities, obligations and rights of the federation, members and (service) partners
- The procedures for accepting members and partners
- Consequences of failure to comply with the policy or any agreement





# Federation Status

- Policy – decision within a week
- Technology Addenda – Eduroam to be decided
- Eduroam – Technology deployed
- Shibboleth/SAML1 – Technology prepared to be deployed
- CWAA – Technology deployed, used by NyA
  - pre SAML temporary technology



# Identity Management System

- OM – Metadirectory
- Connector to Student Record System
- Prototype implementation
  - OM2
  - Ladok Connector
  - AD Connector



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