



**Status of the Norwegian federation
(Feide)**

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General introduction

Services

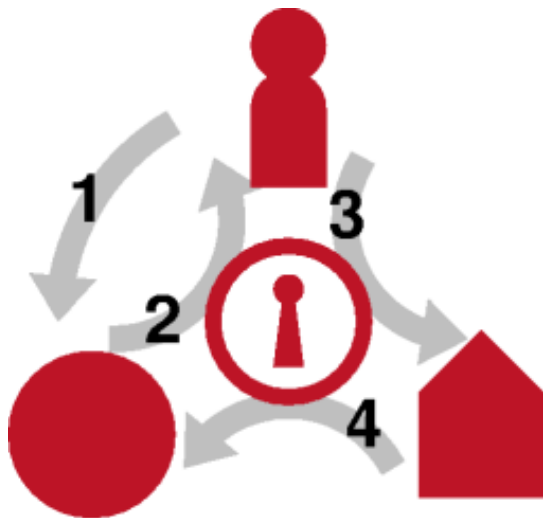
Practices/Policies

Roles and groups

Schemas

Levels of AuthN

General introduction – Feide (I)



- 1) User tries to access service
- 2) Service transfer user to FEIDE login
- 3) Authentication is done at campus
- 4) Authentication is confirmed with the service, possibly with attribute release

3

General introduction – Feide (2)

- Within the federation there is one IdP
- IdP is connecting to LDAP-directories at campuses to do authentication (17 organizations/LDAP servers today)
- Previously (pre 2007) our own software was developed for the central login service (Moria)
- As of today we are running two login services:
 - Our old Moria (version 2)
 - New solution based on Sun Access Manager, with some plugins developed by Feide

General introduction – Feide (3)

- Focus today is on SAML 2.0
- About 73% of total number of users in higher education may use Feide today
- About 89% of users at universities
- Total of about 140 000 users
- Work in progress to include other pupils/students (6-18 years), handled mainly by Uninett ABC

Services

- From small to large applications:
 - Wiki, Mailing list server (Sympa), web-access to internal pages, etc.
 - Library systems
 - Buying student software licences
 - Administrative services and reporting systems
 - etc.
- ~38 services, but these are connected to "old" Moria
- Goal now: More services, integrated with new SAML 2.0 login server, and migrating old services to the new setup

Practices/Policies

- New service providers and new participating organizations in the federation have to sign contracts
- New organizations have to go through a review of their campus IdM practices
- Agreements with service providers regulate what attribute values they receive from the central login server

Roles and groups

- Using
 - eduPersonAffiliation
 - eduPersonEntitlement
- To give simple support for roles and groups

Schemas

- LDAP-schemas used (described in *norEdu* Object Class Specification* - <http://feide.no/dokumenter/norEdu-current.pdf>):
 - eduPerson
 - eduOrg
 - SCHAC
 - norEduPerson
 - norEduOrg
 - norEduOrgUnit
- May also typically use: inetOrgPerson, organization and organizationalUnit

Levels of AuthN

- Awaiting finalized documents that will describe the Norwegian eID signature policy
- In these documents levels of AuthN in Norway are discussed

More information

- www.feide.no
- administrasjon@feide.no
- Contracts in English:
 - <http://feide.no/dokumenter/feidekontrakt-del1.en.pdf>
 - <http://feide.no/dokumenter/feidekontrakt-del2.en.pdf>
- Document describing the architecture:
 - <http://feide.no/guide/guide-0004-1.0-en.pdf>
- norEdu* Object Class Specification
 - <http://feide.no/dokumenter/norEdu-current.pdf>