



SWAMI Update at Gnomis

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On the Agenda



- SWUPKI next generation
- Policy certificate expired, policy revision
- OM-2 - about to be deployed in Linköping
- June
- SWAMID - revising the policy
- Becoming a mission critical infrastructure
- National student admission system
- SAML2 federation
- Eduroam is too slowly deployed
- Support and doc



On the agenda cont



- The components of an Identity Architecture?
 - Identity repository, IdMgmt procedure, Meta-directory
 - Authentication Service
 - Authorisation Service
 - Attribute Service
 - Group Management
- Planning for
 - SWAMID campaign
 - Better documentation for all groups of intended readers
 - Increased focus on maintaining deliverables



The following slides:

How I argue for a campus Identity Architecture and membership in SWAMID



Where are we going?



- An Identity Architecture (IdMgmt, PrivMgmt, AuthN, AuthR, and Attribute services) that
 - encourages trust from peers and service providers (basis for federation),
 - is supported by a Metadirectory (a Synchronisation Engine) and a Group Management tool
 - supports integration and process reengineering (self service and self reporting)



...Where are we going?



- Web fronted applications that
 - can be plugged in as components in Service Platforms
 - are designed to use information about identity, groups, roles and privileges provided in real time by the Identity Architecture for AuthR
 - support Virtual Organisations by being adapted to federated AuthN and AuthR



Why are we going there?



- possibilities to reduce the cost substantially
 - for management of “user accounts”
 - for deploying new services for the whole institution
- Only possible if you can resist the temptation to require a too fine control of the authority of the normal user - we don't do that in the physical world - Rolands key opens my door as well



! But these arguments hardly mention federations



- true!! the possibility to federate is not the dominating reason to introduce a fed.aai
- for ex the number of eduroam users are small
- But any group may have members from other countries
 - courses, boards, work groups, projects
- Why should we introduce applications that are not federation enabled
 - shared service centers - mail, CA, LMS, VOs



Virtual Organisations ...



- ... of main interest to campuses are small scale and often ad hoc
- They need to be supported by Virtual office services
- I expect my university of 37k students soon will have x0k virtual organisations requiring VO services
- LMSs --> VO-support platforms



We are almost there !!



- technologically that is
- but the small institutions need support, and we have a lot to do in packaging and documenting and supporting
- and most institutions have to improve the quality of their Identity, Privilege and Group management (in that order) and they need to design and deploy a repository for that information supported by a MetaDirectory