

Campus Middleware Issues

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Middleware Issues

- Deployment of campus middleware infrastructures
- IdM process issues
- Technical issues – there are a few left
- Exploiting the availability of federations
- Moving focus from authentication to authorisation



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Worries and uncertainties

- Consequences of a steep increase of “software as service”
- How do we solve the need for eid-s at separate LOA
- How do we make progress in harmonising the interpretation of (inter)enterprise data for authorisation
 - per application



Campus middleware infrastructures

- Deployment slow
- Metadirectory issues are complicated
- Boundaries between maintenance objects are up for discussion whenever there is a need to update or further develop a system component



IdM process issues

- Initial identification of distance education students
- We have to be quicker – waiting on an identity, as a student or personnel, is time and money lost



Technical Issues

- The number of systems integrated increases quickly – raising the requirements on the system maintenance process
- Group and role management is an increasingly important support function as the number of users of enterprise systems increases
 - provisioning and attribute services
 - cms, lms, cscw, business systems



Federation Issues

- non-technical issues dominating
 - what services are of interest
 - how do we provide what authorisation information to service providers
 - internal and external service providers



From Authn to Authr

- Again: The technology is not the bottleneck
 - Within an institution – each system owner wants system specific attributes for authr
 - Between institutions – the community is waking up, and becoming aware of the fact that there are more attributes to discuss than eduPersonAffiliation



LOA

- There are two perspectives
 - from the IdP – who wants to say that they issue eIDs at a certain LOA
 - from the System – who wants to decide what LOA constitutes a risk they are prepared to take for each operation different eIDs
- ... and two documents
 - The NIST Special Publication 800-63
 - Reference:M-04-04, Memorandum to the heads of all departments and agencies



Identities on different LOA

- How do you upgrade to an higher level LOA
- One LOA per IdP or not
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