

Federated Identity Management for Scientific Collaborations

The Common Vision

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The Vision

- A common policy and trust framework for Identity Management **based on existing structures and federations**
- This needs to support
 - Multiple technologies with translators including dynamic issue of credentials
 - Implementations to be **open** standards based and **sustainable with compatible licenses**
 - Different Levels of Assurance with provenance
 - Authorisation under community and/or facility control
 - **Browser &** Non-browser federated access
 - Well defined semantically harmonised attributes
 - Privacy and Confidentiality
 - **The system needs to meet specific requirements for this from some communities e.g. Biomedical, competition between different research groups**
 - **Scoping within a given trust context**

The Vision (2)

- Needs to support (continued)
 - Flexible and **scalable** IdP attribute release policy
 - Privacy and Data Protection to be addressed
 - Community-wide individual identity
 - Attributes must be able to cross national borders
 - Attribute aggregation for Authorisation
 - From different sources,
 - community-based Attribute Authority
 - Easy integration with local SP environment

Vision (3)

- Operational issues need to be addressed
 - Risk Analysis
 - Traceability
 - Security Incident Response
 - User friendliness –
 - lowering the barriers to users
 - Transparency about policies, the what and why
 - Reliability and Resilience

Vision (4)

- Legal, Policy and Trust issues
 - Contracts or SLAs between communities and federations
 - Need to define standards of Trust (e.g. IGTF)
- We need an agreed funding model
 - With related governance

Next Steps

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- All material should be uploaded the website
- Produce a written summary of the workshop
- Write-up the common vision as a joint paper with recommendations
- 3rd workshop is scheduled for 26th Feb 2012 in conjunction with ISGC2012 (Taipei) to do engagement with Asian colleagues.

Endorse the common vision

- Write-up these slides as a vision paper authored by the *architects* from **all the user communities**
- Include in the paper a series of recommendations that will simplify the deployment of the use cases
 - These should be few in number and precise (i.e. what to do and who do we want to do it)
- Each user community should discuss the paper's contents internally and get it endorse the contents in time for the next workshop

Future workshops

- After Taipei we would need hosts for further workshops
 - June 2012
 - November 2012