Collaborating on Collaboration

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TF-EMC2, September 22, Copenhagen
Topics

• Domestication
• Group data exchange
• Provisioning & deprovisioning
• VOs
• Invite to VO platform Collab group
• Domestication of apps
Why 'Domestication'

- Make 'better' use of federated identity frameworks;
- Campus usecase: When moving towards outsourced, cloud base solution, how to retain coherence between local and 'remote' apps?
- Collab usecase: Virtual Organizations → Multi domain collaboration
- See video (1)
What is 'Domestication' (1)

The work of re-factoring applications to use the emergent identity services infrastructure.

- Externalize authentication (using federated identity);
- Externalize group management;
- Needs a fine grain set of authorization tools down the road;
- Domesticated apps can receive attributes via a multitude of standards.
Group data exchange

- Many technical means exist (LDAP, SAML, SPML, X.509, SQL, Kerberos, PAC, SOAP, REST, and maybe all of the above), but none seem to fit well;
- Standards (LDAP, SAML, SPML) are not very suited for multi-domain, distributed usecases;
- Non-standard ones (SOAP/REST) are, but these are, well, non-standard;
- No vendor will implement 2+ flavours
- Is group data just a special case for more generic provisioning and deprovisioning? If so exchanging group data may only be the beginning
• ~ 80% of applications will be ok with Just-In-Time (JIT) provisioning \(^{(3)}\);
• Remaining 20% most interesting for collaboration;
• Standards seem tailored for single domain, not distributed usecases;
• Nothing exists for multi domain deprovisioning?
Virtual Organizations

- EU and International: Clarin, Lifewatch, Grids
- 'Small VOs': Knowledge Exchange [5]

DEFF in Denmark, DFG in Germany, JISC in the United Kingdom, SURFfoundation in the Netherlands
Invite to VO Collab group

- International oriented VO (Platform) Collab effort;
- Currently Internet2 (CoManage), SURFnet (COIN), SUnet (COIP);
- Mailinglist & Monthly VC
- Activities:
  - Support Virtual Organizations
  - Exchange info on VOs, usecases, best practices, contacts etc
  - Work on domestication of VO apps
  - Work on standardization in VO domain
- Want to join? Do this and that
Domestication of apps

- Obvious case for collaboration between NRENs;
- But who is doing what?;
- How was that done?;
- Announcing the 'Domestication Wiki' [4]
  - Current offerings and efforts;
  - Could describe 'most wanted list'
- **YOUR INPUT NEEDED!!!**
  - Currently run by SURFnet & Internet2
  - but: Work-In-Progress...
(1) **COIN Vision video**

http://www.surfmedia.nl/app/video/uwoYqfSlfTVcNphfLRQ8gif/play?format_id=A1NQahgLIOLWF4mMATSXiShW&mode=object

(2) **Heather Flanagan, 2010 Internet2 Spring Meeting**

http://www.internet2.edu/presentations/spring10/20100427-fedcollab-group.pdf

(3) **Provisioning scenarios in identity federations**


(4) **https://wiki.surfnetlabs.nl/display/domestication**

(5) **http://www.knowledge-exchange.info/**