



# 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<sup>(2)</sup>;
- 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*



# Provisioning & deprovisioning



- ~ 80% of applications will be ok with Just-In-Time (JIT) provisioning <sup>(3)</sup>;
- 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...



# Pointers



## (1) COIN Vision video

[http://www.surfmedia.nl/app/video/uwoYqfSfTVTgNphfLRQ8gif/play?format\\_id=A1NQahgLIOLWF4mMATSiShW&mode=object](http://www.surfmedia.nl/app/video/uwoYqfSfTVTgNphfLRQ8gif/play?format_id=A1NQahgLIOLWF4mMATSiShW&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

<http://www.surfnet.nl/nl/innovatie/gigaport3/Documents/EDS-4%20Provisioning%20Scenarios%20in%20Federations%20Final.pdf>

## (4) <https://wiki.surfnetlabs.nl/display/domestication>

## (5) <http://www.knowledge-exchange.info/>