Agenda

Thursday

(unofficial pre-workshop part)

- 09:00–12:00 coffee & informal get-together, show each other stuff we do on our laptops
- 12:00–13:00 sandwiches

(official start)

- 13:00–13:30 intro, round of presentations, expectations
- 13:30–15:00 user stories (Things we'd be able to do in a perfect world, how we're trying to do them now)
  - See the Etherpad for notes
- 15:00–15:30 coffee break
- 15:30–17:30 solutions I
  - OpenStack's Federation (SAML in particular) capabilities
    Recommended reading/watching:
    - "Identity federation in OpenStack - an introduction to hybrid clouds", M. Denis, J. Castro Leon, E. Ormancey and P. Tedesco, CHEP 2015 Proceedings
    - OpenStack Summit November 2014 (Paris) talks: "Cloud Federation: Are We There Yet?" on "classic" federation, and "Keystone to Keystone Federation"

    Marek Denis and Jose Castro Leon from CERN will attend our workshop.
  - Identity service at CERN Private Cloud (Jose Castro Leon)
  - OpenStack and SAML integration (Andrea Biancini)— http://arxiv.org/abs/1510.04017 also an Outlook on OpenNebula multi-AA implementation by M. Héder
  - Device Centric and Attribute Based Access Control in the ReCRED project (Claudio Pisa) — http://www.recred.eu
  - Moonshot (Stefan Paetow)

Optional evening program:

- 19:30 Social event: dinner at Reithalle http://restaurant-reithalle.ch (five-minute walk from SWITCH)

Friday

- 09:00–10:30 solutions II
  - Moonshot + OpenStack demonstration (Alejandro Pérez Méndez)
  - Patches that operators have in active use:
    Can we help getting this integrated upstream?
    Can we help them with testing in real infrastructure with users (in case of demo)
  - (OpenID Connect ... if someone is willing to talk about that)
- 10:30–11:00 coffee break
- 11:00–12:30 solutions III
  - UKent (Chadwick et al.'s) work:
    - Horizon GUI for managing mapping roles
    - Using OpenStack to manage VOs (Virtual Organisations)
    - Current research on managing AuthZ policies for heterogeneous distributed clouds
- 12:30–13:30 sandwiches
- 13:30–14:30 gap analysis
  - One output would be a table of SAML features in different OpenStack versions—Juno/Kilo/Liberty/Mitaka/...
  - But also desired functions that aren't covered by existing/deployable software yet
- 14:30–15:30 next steps–how can gaps be addressed? Low-hanging fruit/priorities/assign actions
- 15:30 adjourn