Update: WP1 and WP2

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(on behalf of DSIT WP1 and WP2)

LSDMA All-Hands Meeting (2015-10-02)
WP1: the big picture

- Previous activity was **DLCL-targeted**, solving specific problems.
- While continuing to address these issues, the activity has been folded into European projects: **AARC** and **INDIGO-DataCloud**.
  - LSDMA DLCL experiences provided use-cases for IDC and AARC.
  - IDC AAI work is based on gained experiences.
- The future will provide us **win-win** opportunities:
  - Cross-collaboration with larger communities,
  - Help avoid risk of developing isolated solutions,
  - LSDMA can provide more comprehensive solutions, built from collaborations
WP1: update on activity

- **FZJ**: continues to run a UNITY instance to let users test registration, authentication, and OAuth authorisation.
- **DESY**: is setting up its DFN-AAI IdP – contract is signed.
- **GSI**: also working towards joining DFN-AAI.
- **KIT&DESY**: contributing towards IDC AAI architecture.
- **KIT**: working on
  - credential translation – integration of services in to SAML, and providing a new approach for X.509 generation upon SAML authentication
  - Identity Harmonisation, via IDC.
WP1: future activity

- **FZJ**: Integration between UNITY, LSDMA IdPs and LSDMA SPs
  - Which attributes are needed? Handling different LoAs
  - Moving towards having a production instance.
- **GSI**: Integration of LSDMA-AAI is planned for the new Identity Management System
- **DESY & KIT**: strong involvement in IDC's AAI activity.
WP2: the big picture

- As with WP1, existing work and experience within LSDMA is used to “spin up” EU project.
- Experience from LSDMA, from DLCL and DSIT used to populate data-centric use-cases in IDC.
- Strong involvement from LSDMA DSIT in IDC provides similar benefits from WP1.
DLCL/DSIT: example of the virtuous circle

Within DSIT and IDC, provide standards-track solution

Identify limitations of DSIT technology

Gain operational experience

DLCL deploy prototype; based on off-the-shelf technology

New software is deployed

DESY, KIT, CNAF collaboration implements solution.

Integrate IDC AAI solution, to support EU scientists.
WP2: updates

• **DESY & KIT**: CDMI software implementation evaluation.

• **DESY**: Successful RDA BoF on Quality-of-Service agreement to move forward with creating a WG.

• **KIT**: Integration with BW-Projects and the Archival activities
WP2: future directions

- **DESY**: Updating dCache to support dynamic QoS and DLC.
- **DESY & KIT**: Standardising interface for QoS and DLC management.
- **DESY & KIT**: Adding CDMI QoS/DLC support to existing deployments.
Thanks for listening.