AARC

Authentication and Authorisation for Research and Collaboration

Updates on the DARIAH Proxy Implementation & DARIAH-EGI Interoperability Pilot

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Scope of the pilot

- Implementation of an SP-IdP proxy within the DARIAH AAI.

  - Implemetation of the AARC BPA

  - Example of the transition of an existing AAI to be in line with AARC recommendations

  - Compliant to AARC guidelines that apply to DARIAH's use cases

  - Goal: ease integration of services within DARIAH and allow for interoperability w/ other infras (see below)

- Interoperability pilot between EGI and DARIAH

  - Showcase successful implementation

  - Allow transparent / seamless access to EGI resources for DARIAH users

  - As an initial use case, selected DARIAH users should be able to deploy and access virtual machines in the EGI infrastructure.

Status of the Timeline

- Until Feb. 18: implement AARC recommendations in proxy

- March 18: connect to development Instance of EGI check-in

- April 18: define group mappings, test attribute release, paperwork

- May 18: move to production EGI check-in and test fed. Cloud access

Implementation of DARIAH proxy

- Work in the last ~2 months was mainly focused on integrating and migrating existing architecture components (registration flow; self service and admin portal; etc.)

- Started connecting some services within DARIAH to the proxy

- Some challenges e.g. backwards compatibility or "new" requirements

- "Soft transition"

  – Moving into production means adding more and more services over time

- Even though there are still changes, we consider the implementation of the proxy "done"

Infrastructure Overview
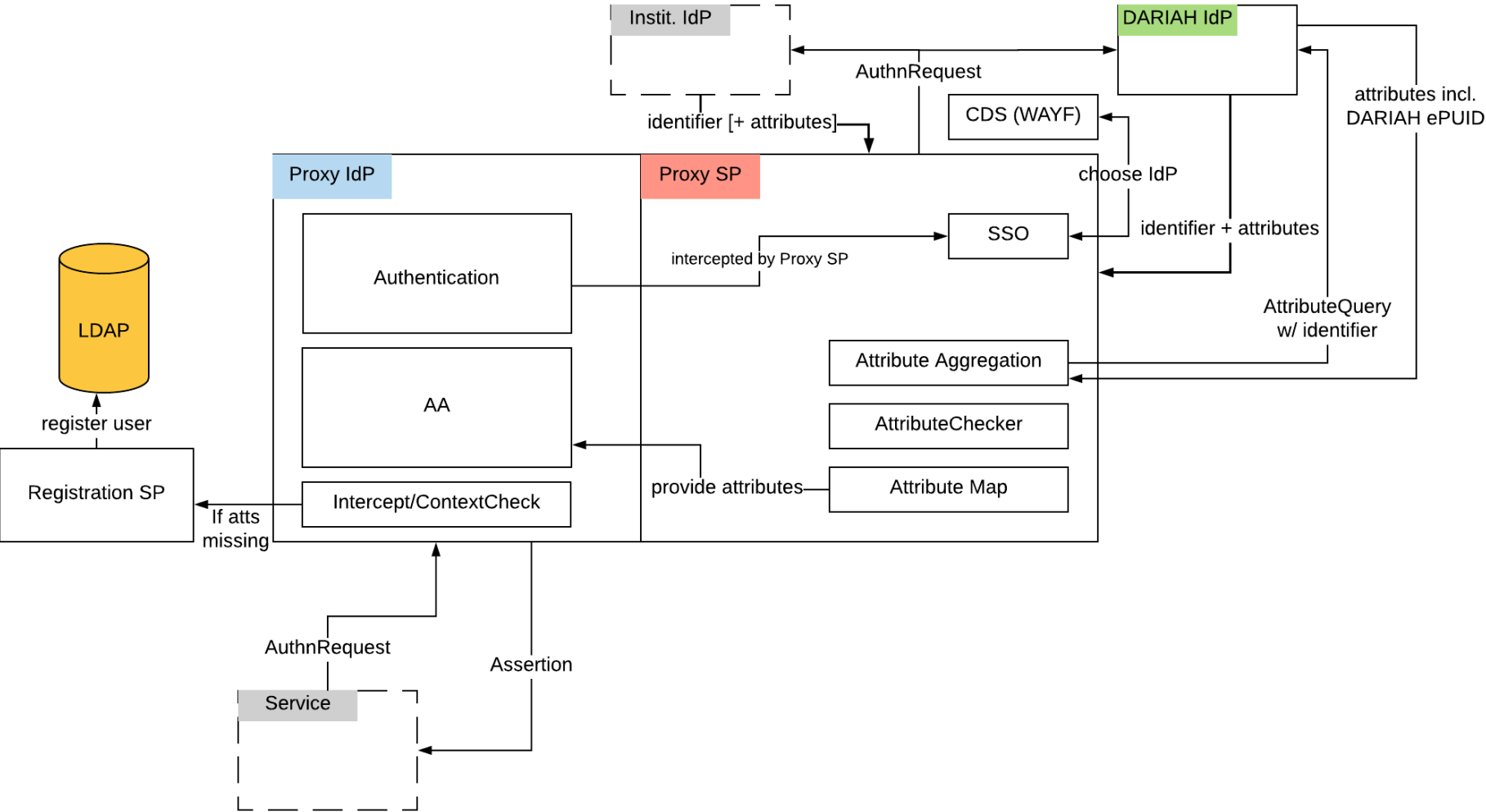
Interoperabilty between EGI and DARIAH

- Defined interoperability use-case in JRA1.1: https://goo.gl/pxV7JN

- Generic cases:
    - Users in given groups can transparently access to e-Infrastructure (EGI) web based services:
        - The user goes to the EGI services and via the EGI AAI is redirected to the DARIAH AAI. User is authenticated in DARIAH, information is transferred to the EGI AAI and is able to access the requested service. User is already registered in the DARIAH AAI.
        - Raise the LoA to access the EGI services
        - DARIAH expects to assign users to groups and according to these assignment users should be able to access different type of EGI services.

Interoperabilty between EGI and DARIAH cont'd
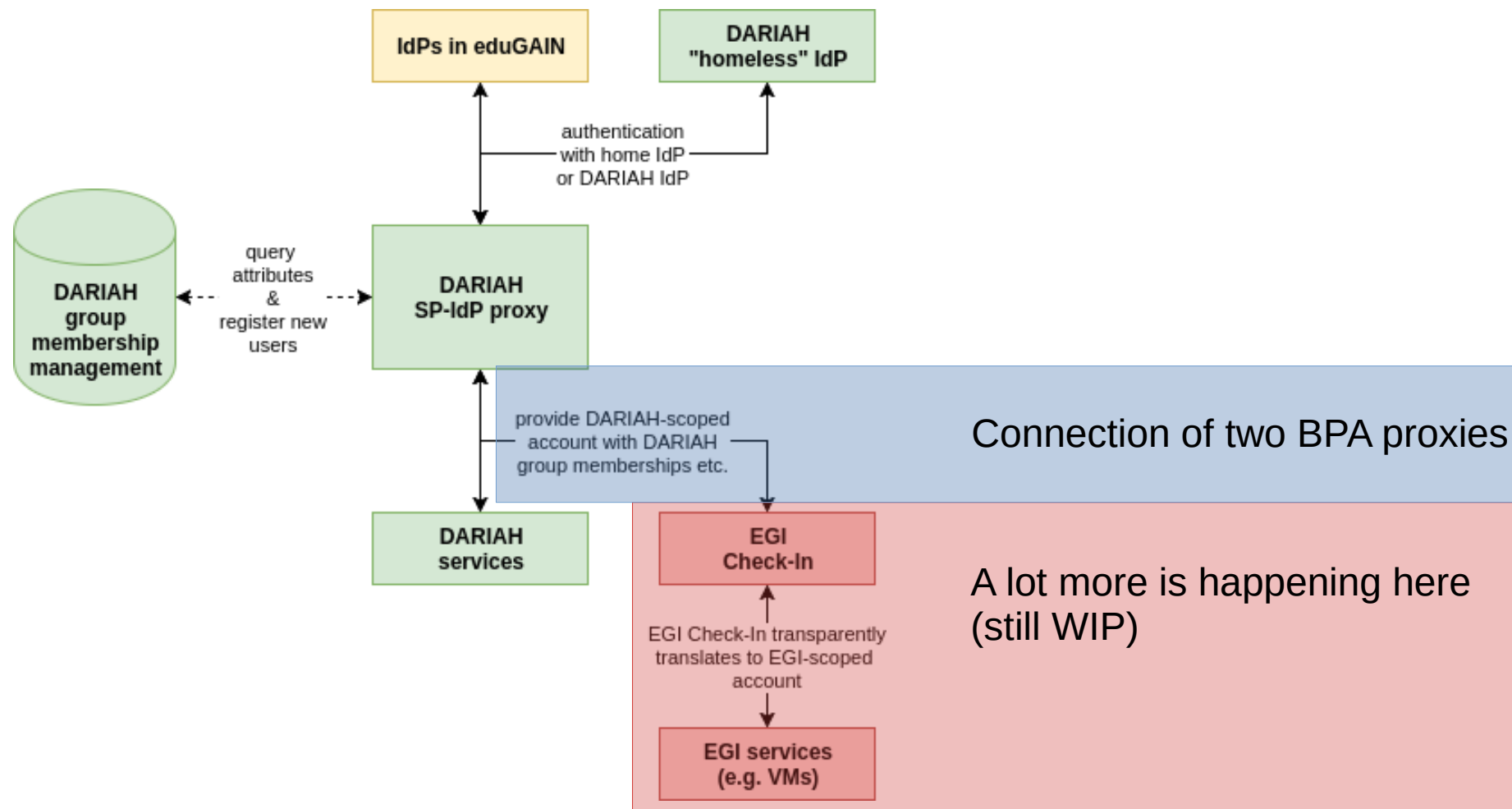
Interoperabilty between EGI and DARIAH cont'd

- Technically the two AAIs are already connected
- Discussion ongoing on how to express group memberships and entitlements between DARIAH and EGI
- Policy questions are mostly out of scope for the pilot, but will become relevant again, once moving to production
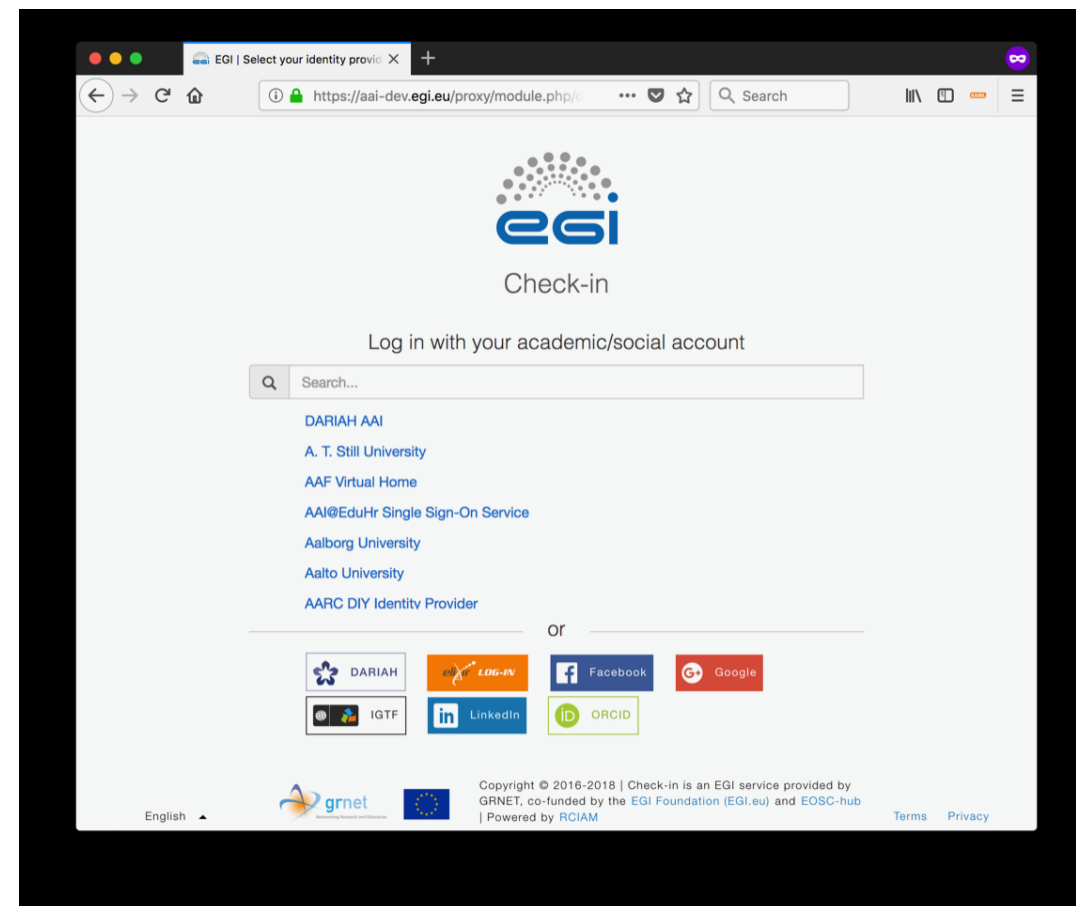
Thank you
Any Questions?

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https://aarc-project.eu