

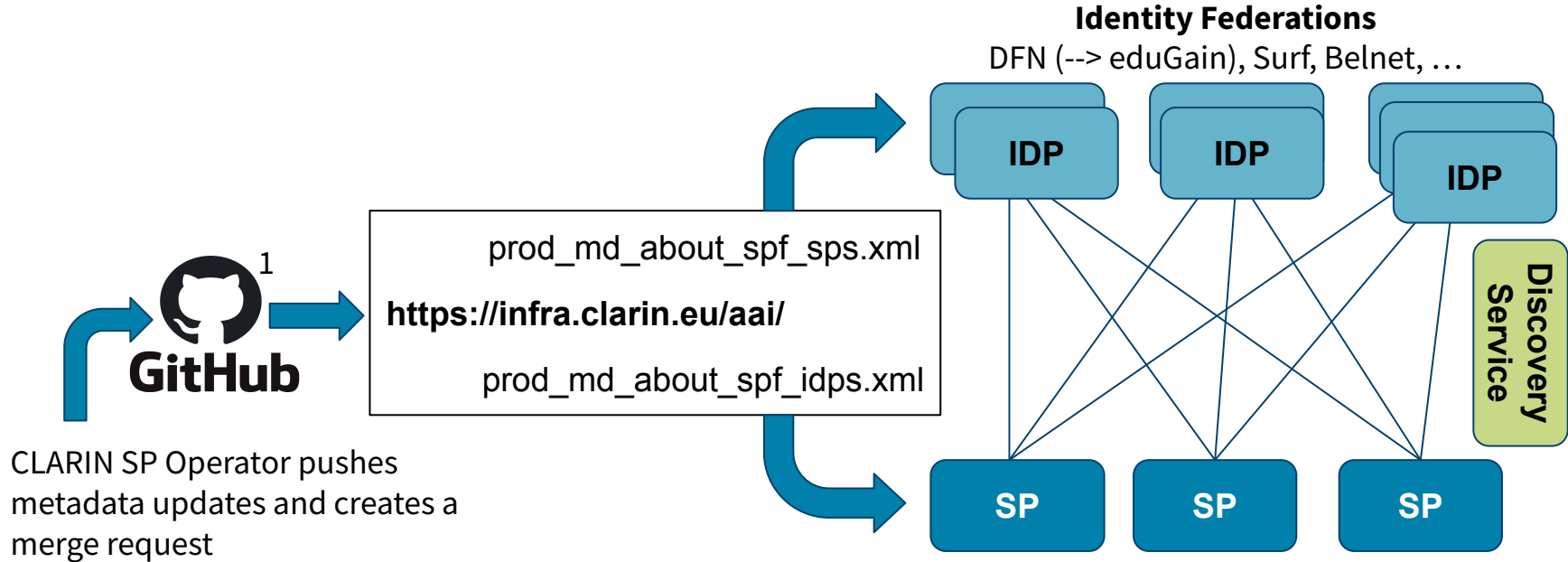
# AAI Proxy

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CLARIN Centre meeting 2024  
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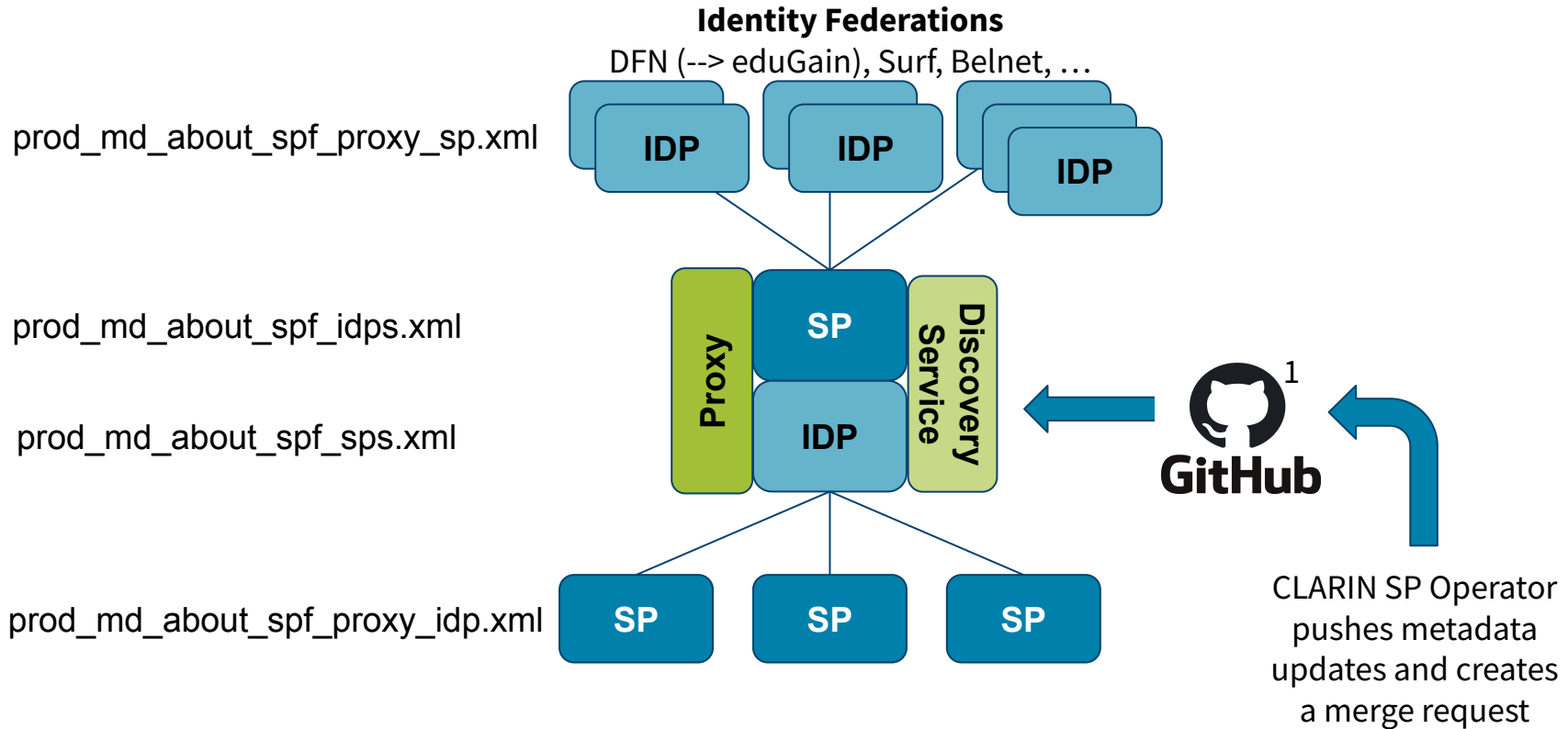
13 June 2024



# AAI Proxy Architecture - Current status of the SPF

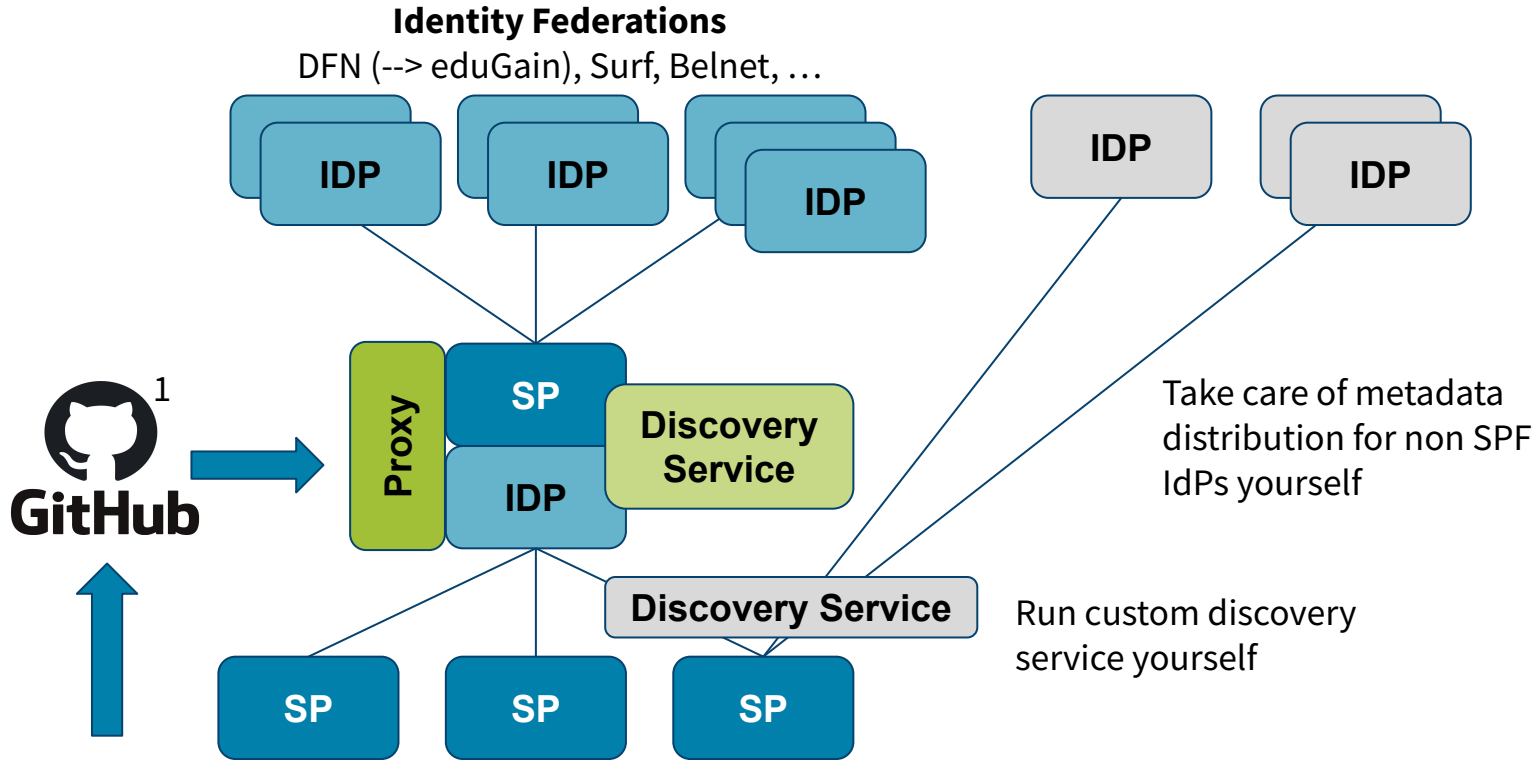


# Architecture - Proxy Setup for SPF



1) <https://github.com/clarin-eric/SPF-SPs-metadata>

# Hybrid Approach



CLARIN SP Operator pushes metadata updates and creates a merge request

# Advantages

- Aligning administrative and technical setup
  - Only one entityID (SAML metadata distribution) to manage by CLARIN ERIC across federations
  - No change in workflow for SPs to manage their metadata in the SPF
- Allows to collect additional attributes if the IdP does not release this information
  - Attribute release still an issue sometimes
  - Request additional information from user and associate with account
  - Brings challenges with respect to level of assurance.
    - Implement mechanism to inform SPs

# Advantages

- Allows for credential translation
  - Supports SAML
  - Also support OAuth2 to connect SPs
  - Also support OpenID connect IDPs (social IDPs)
    - Brings challenges with respect to level of assurance.
      - Implement mechanism to inform SPs

# Disadvantages

- Single point of failure
  - Deploy high available setup. Specific approach will depend on SLA.
  - What SLA is expected from the SPs?
- Single point of trust
  - Transparency, proxy is a black box for both sides
- Architecture lock-in
  - High impact to apply any breaking changes

# Roadmap

- Indication of our Timeline (not set in stone yet)
  - May - June 2024
    - Pilot Phase
  - July - October 2024
    - Production Parallel Phase
  - November 2024 (end of Q1)
    - If there are no major issues, switch to AAI proxy only