

AAI Proxy

CLARIN Centre Meeting
Lightning Talk

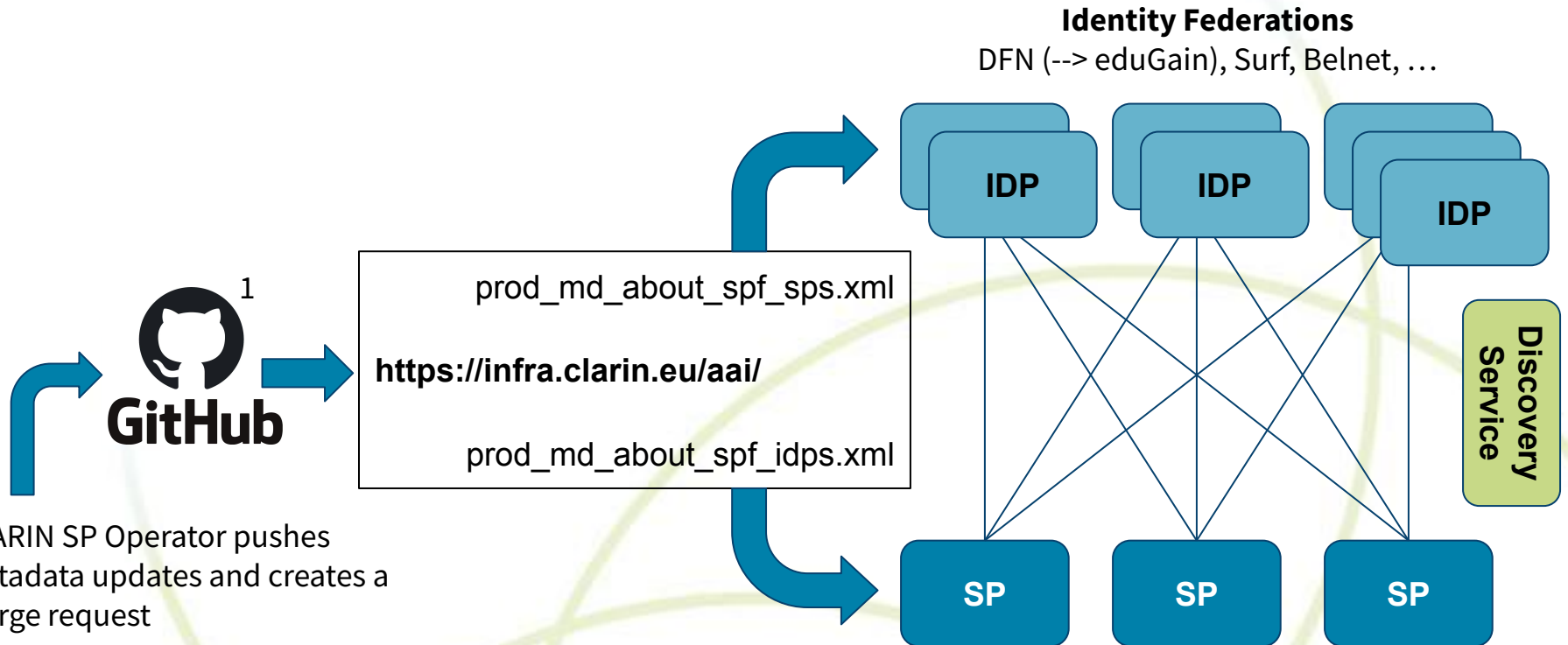
Willem Elbers

André Moreira

13th of June 2023



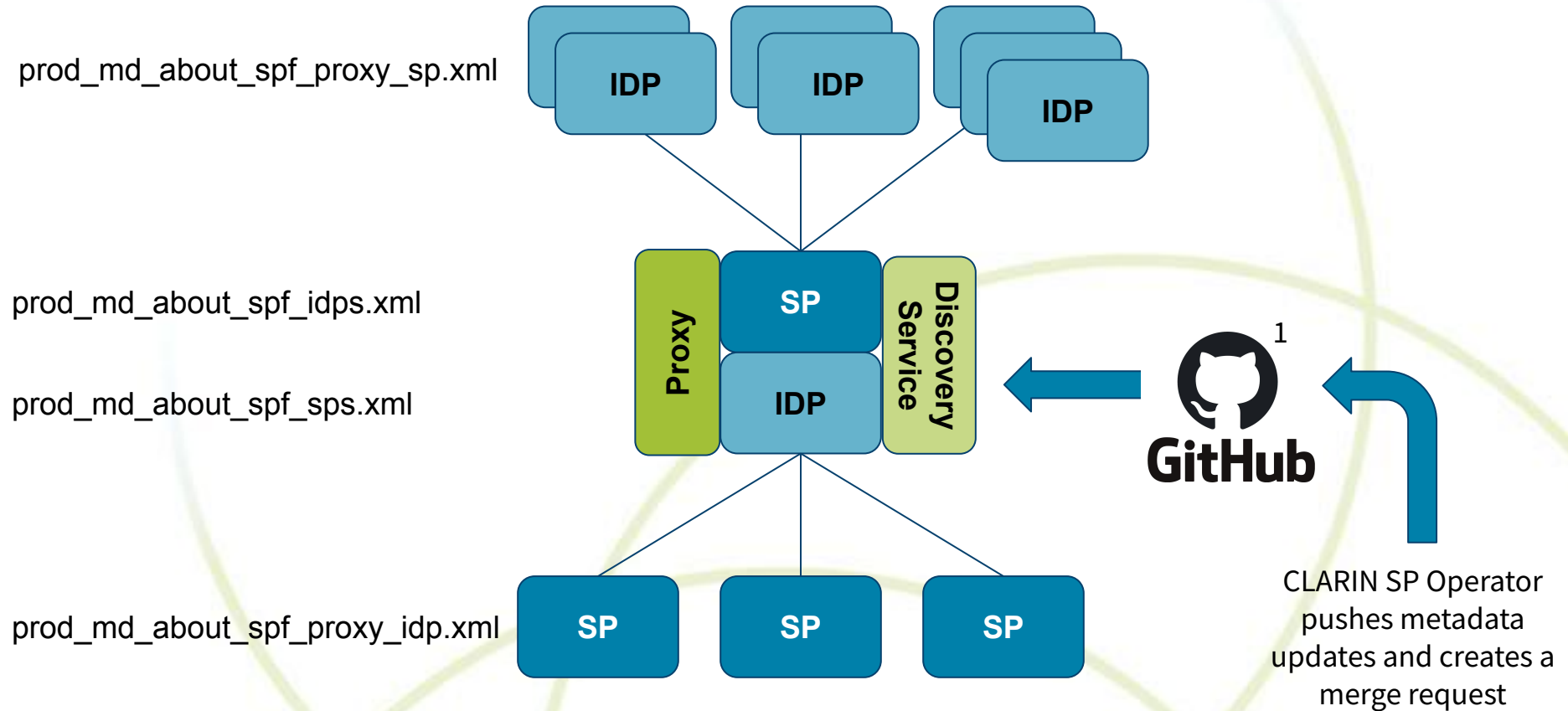
Architecture - Current status of the SPF



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

Architecture - Proxy Setup for SPF

Identity Federations
DFN (--> eduGain), Surf, Belnet, ...



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

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
- **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

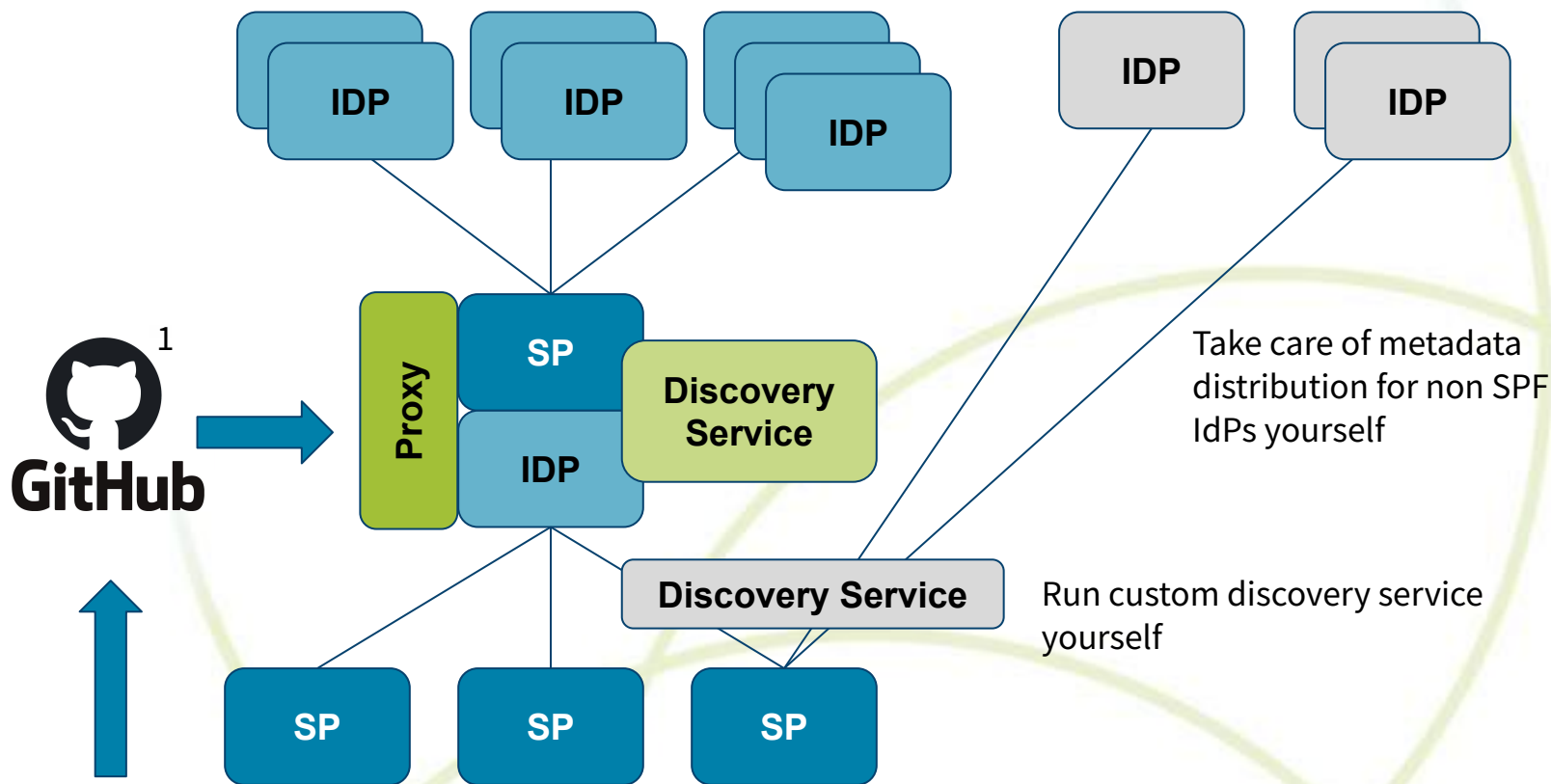
- Indication of our Timeline (not set in stone yet)
 - September - December 2023
 - Pilot Phase
 - January - March 2024
 - Production Parallel Phase
 - March 2024 (end of Q1)
 - If there are no major issues, switch to AAI proxy only

Questions?

Thank you for your attention!

Hybrid Approach

Identity Federations
DFN (--> eduGain), Surf, Belnet, ...



Take care of metadata distribution for non SPF IdPs yourself

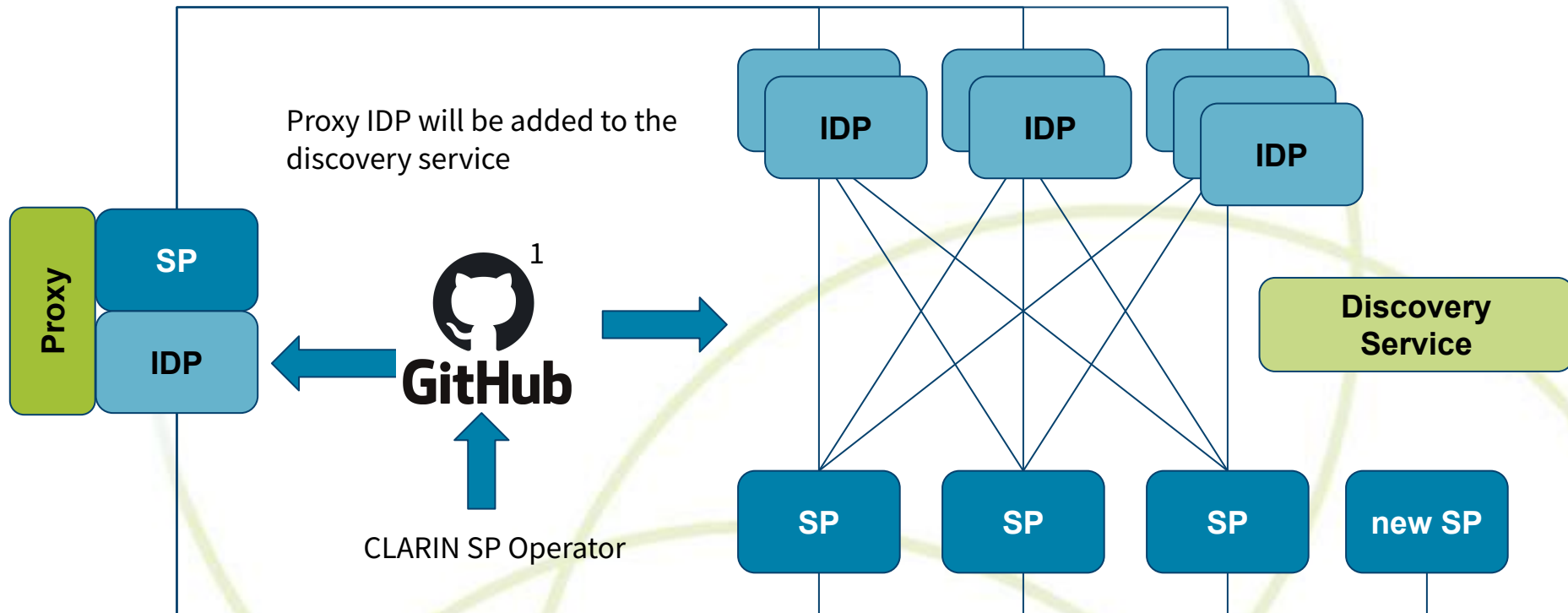
Run custom discovery service yourself

CLARIN SP Operator pushes metadata updates and creates a merge request

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

Architecture - Parallel Phase (current thoughts)

Identity Federations
DFN (--> eduGain), Surf, Belnet, ...



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