INTEGRATION OF DYNAMIC AUTOMATED METADATA EXCHANGE INTO SAML 2.0 WEB BROWSER SSO PROFILE

DANIELA PÖHN, STEFAN METZGER, WOLFGANG HOMMEL
LEIBNIZ SUPERCOMPUTING CENTRE

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BACKGROUND
FEDERATED IDENTITY MANAGEMENT (FIM)

Characteristics of FIM-based scenarios for collaboration

- Trust boundaries through contractual agreements
- Commonly used technology (e.g. SAML, OpenID)
- Technical trust relationship:
  - **Exchange of aggregated „Metadata“**
  - Common syntax & semantics of user information (attributes)

FOCUS OF OUR APPROACH

- Project-related / dynamic collaborations (non-federation members, project partners)

- Including …

✓ On-demand, fully-automated **initial** exchange of metadata!

✓ Required metadata only!

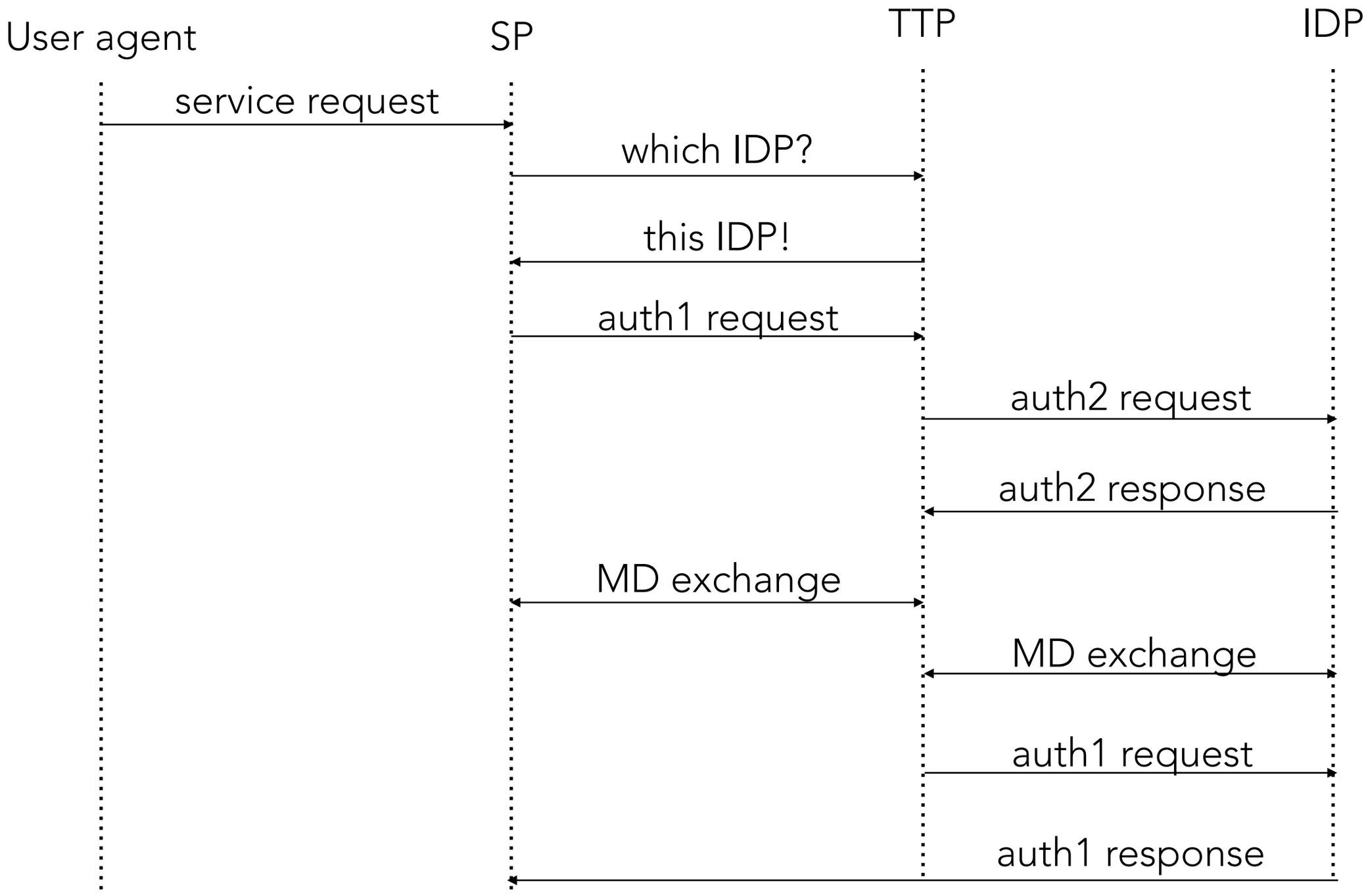
✓ Seamless integration in SAML 2.0 deployments!

DYNAMIC AUTOMATED METADATA EXCHANGE (DAME)

- Metadata register at a trusted third party (TTP)
- Enhanced SAML Authentication Request Protocol through TTP provides …
  - Integrated Identity Provider Discovery[4]
  - Triggering automated initial metadata exchange for bi-directional provider pairing
  - User authentication and transferring attributes to SP only

[4] http://docs.oasis-open.org/security/saml/Post2.0/sstc-saml-idp-discovery.pdf

DAME - IN MORE DETAIL



CONTACT

geant-trustbroker@lists.lrz.de

https://datatracker.ietf.org/doc/draft-poehn-dame/