Application Bridging for Federated Access Beyond Web (ABFAB) Architecture

draft-lear-abfab-arch-00.txt

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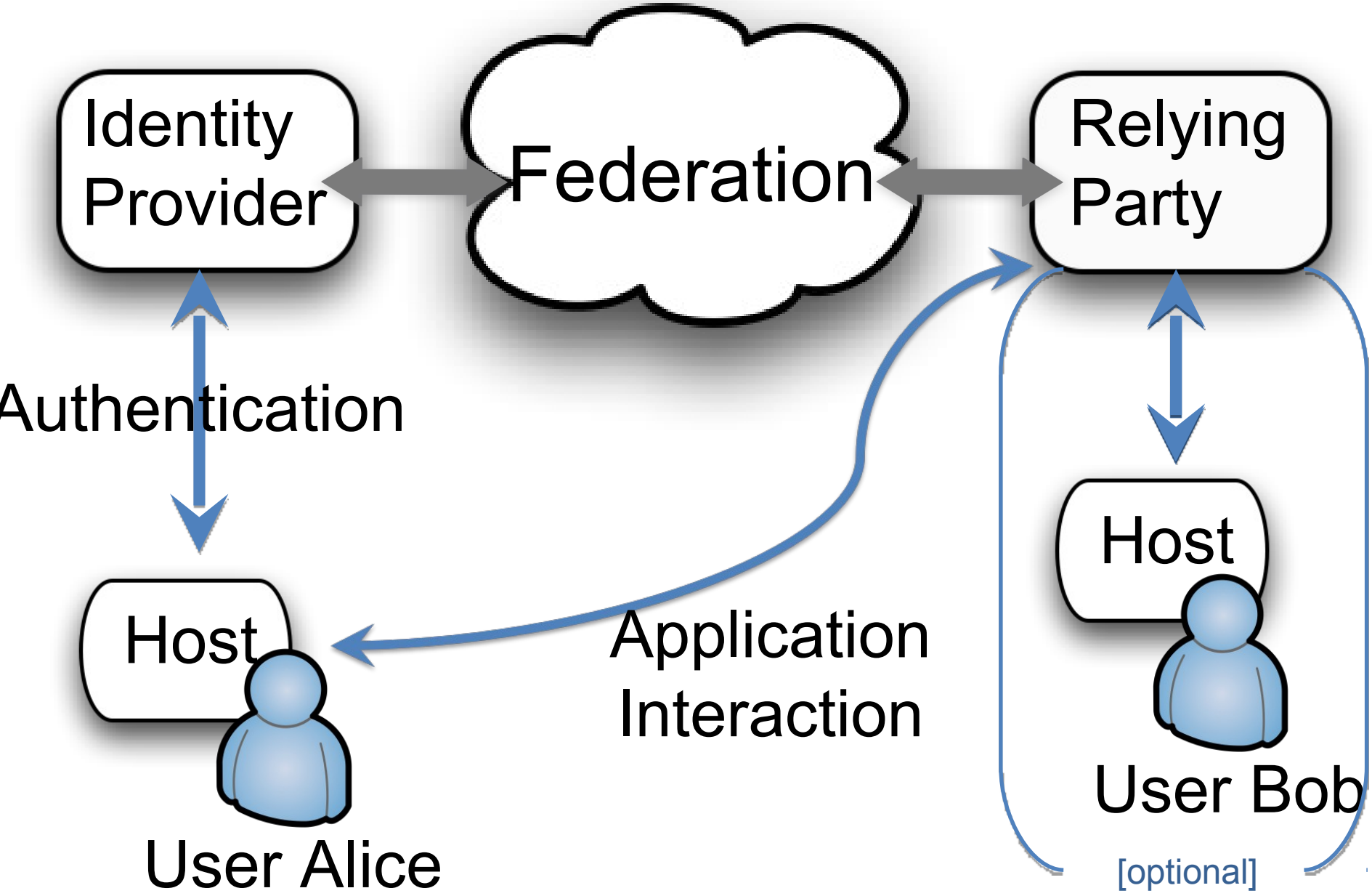
What is a “federation”?

- Loosely defined as "An association compromising any number of relying parties and asserting parties."
- Enables inter-domain access management for subjects to relying parties.
- Consists of
  - Technical components
  - Policy components

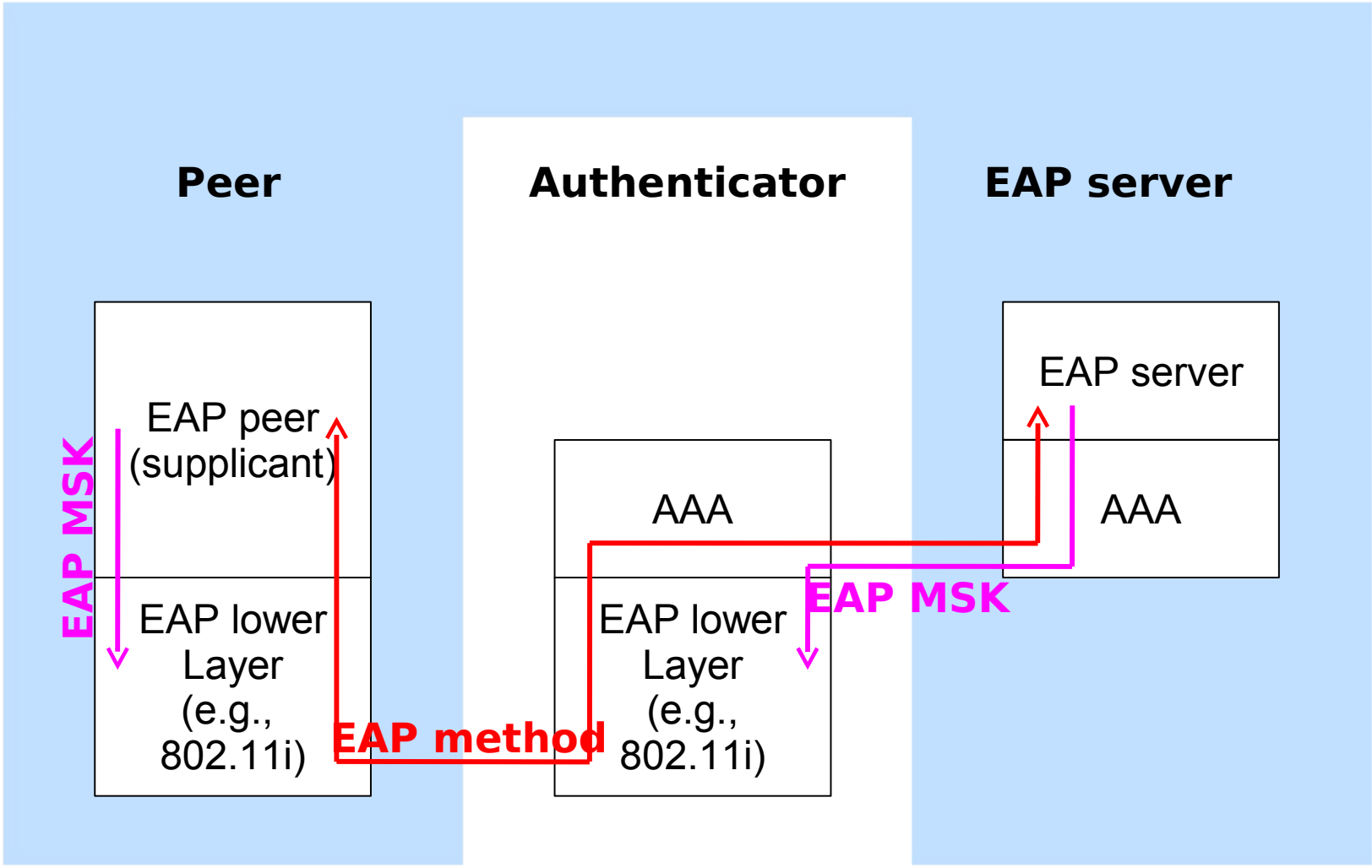
Further Terminology

- Identity Provider
- Relying Party
- Subject

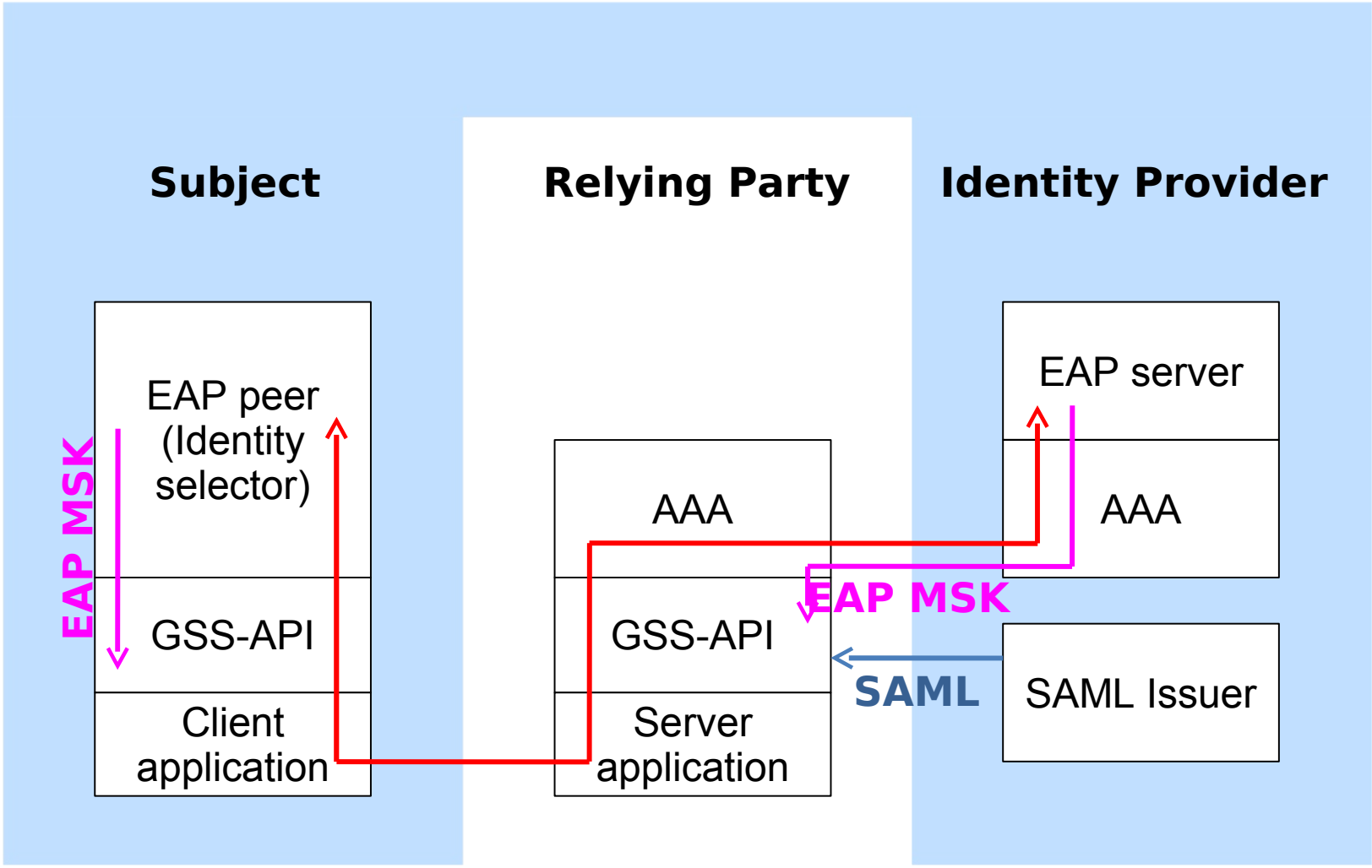
High-Level Architecture

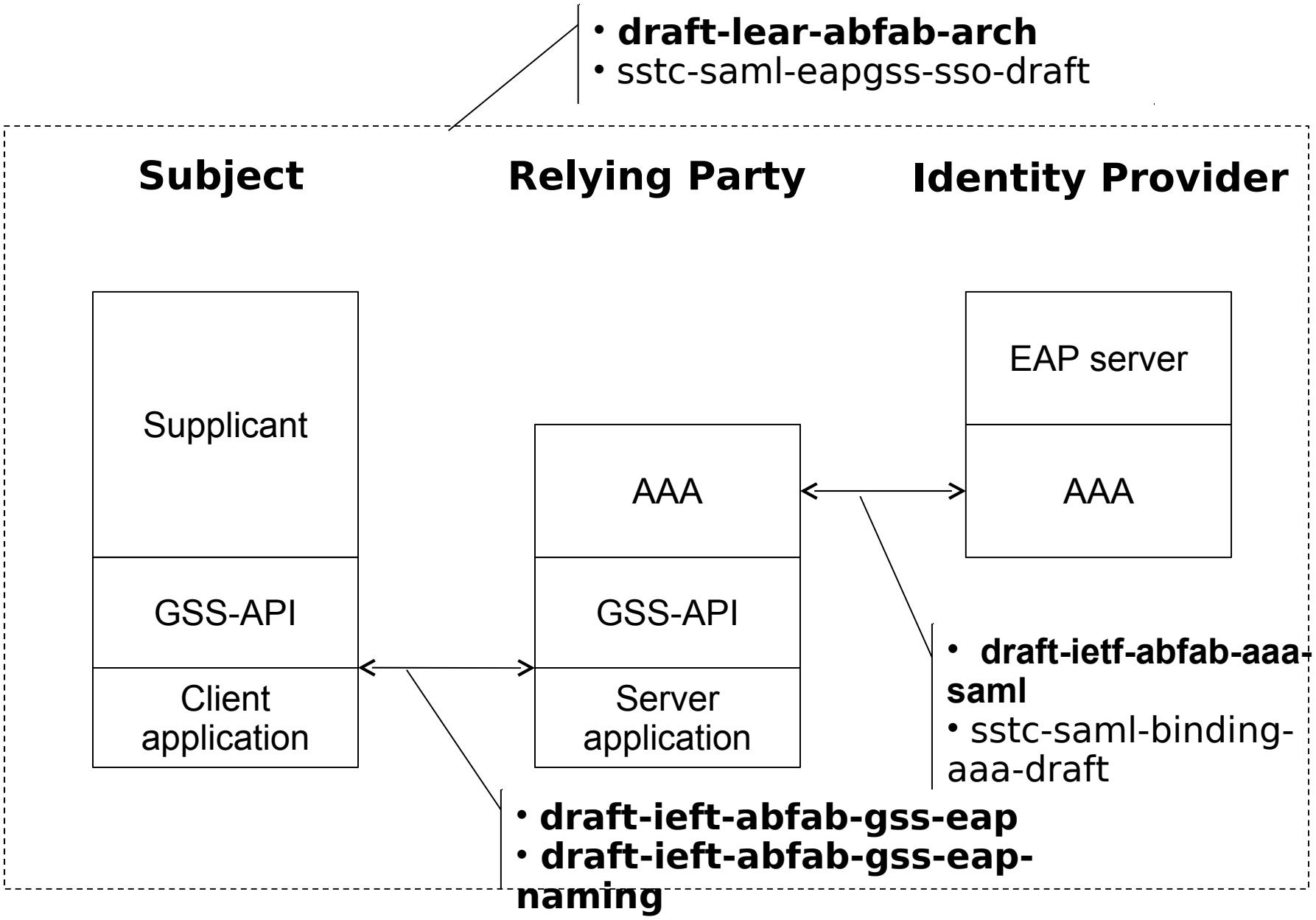


Background: EAP for Network Access



AAA for ABFAB




• draft-lear-abfab-arch
• sstc-saml-eapgss-sso-draft
Subject
Relying Party
Identity Provider
Supplicant
GSS-API
Client application
AAA
GSS-API
Server application
EAP server
AAA
• draft-ietf-abfab-aaa-saml
• sstc-saml-binding-aaa-draft
• draft-ieft-abfab-gss-eap
• draft-ieft-abfab-gss-eap-naming

Privacy

- IdP is the data controller and has responsibility for compliance in terms of Directive 95/46/EC.
- Personally identifiable data, e.g.
  - Subject identifier
  - Subject attributes
- Detailed privacy requirements are dependent on jurisdiction.
- WG responsibilities lie in providing technical measures to comply to high privacy standards, for those who have the obligations to fulfill them.

Work required

- Privacy & naming
- Security properties
- User experience considerations
- Terminology

We seek your Comments!

- Some further work needed to improve internal consistency.
- Would the WG adopt this document?