

Data Services Integration Team

WP1 – Federated Identity

Overview of the demos and background info

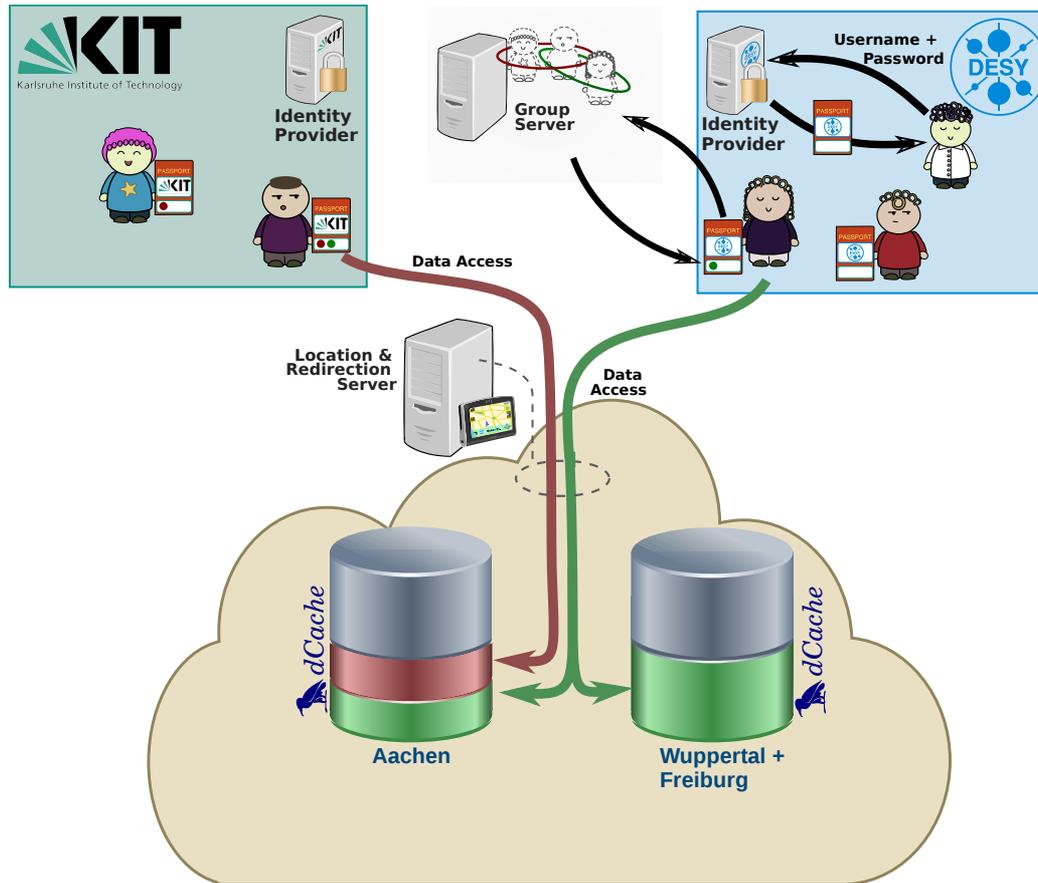


Paul Millar, Patrick Fuhrmann, Bernd Schuller, Arsen Hayrapetyan, Marcus Hardt, Shiraz Memon, Shahbaz Memon, Christian Bernardt, Tigran Mkrtchyan, Dennis Klein

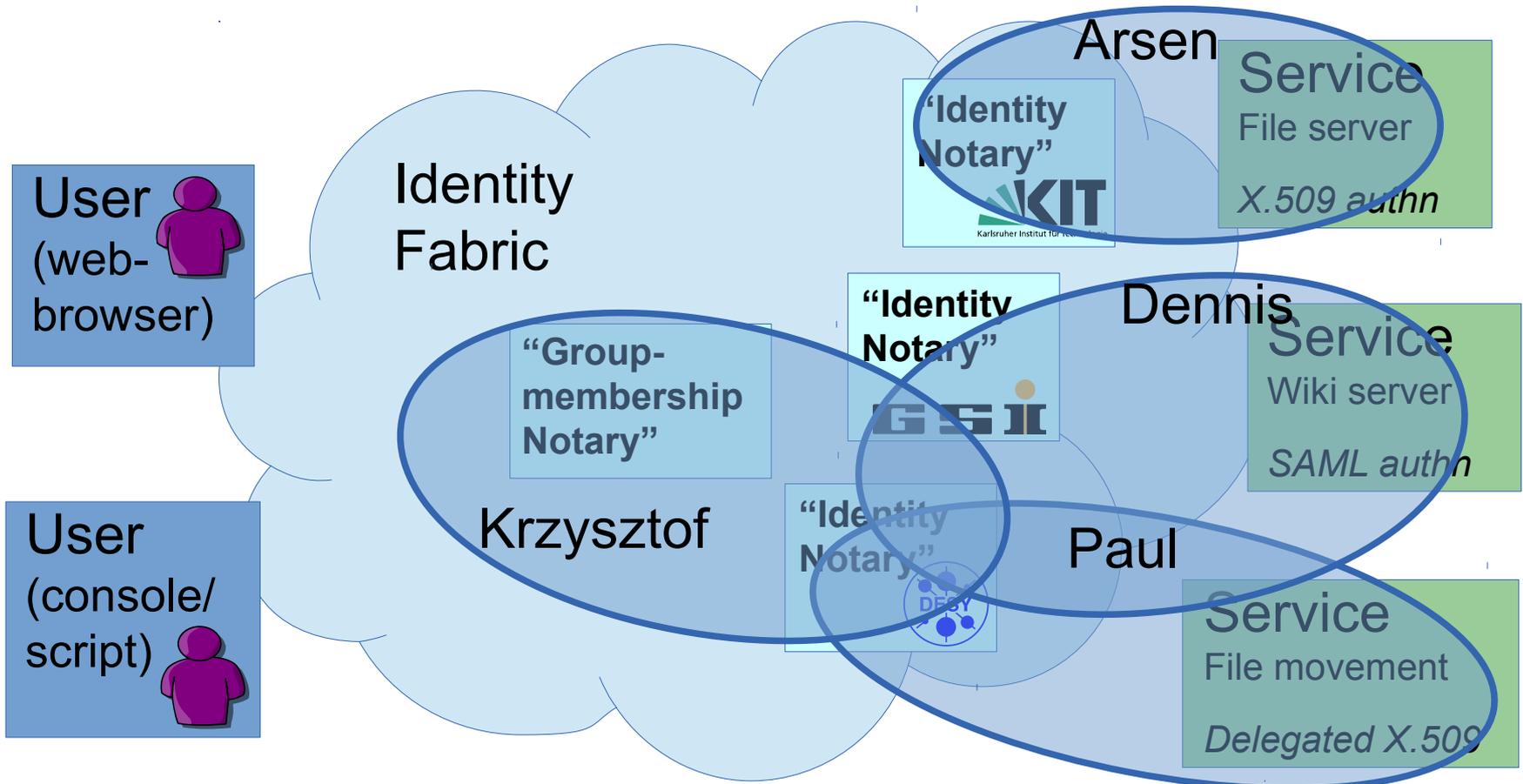
WP1: Federated Identity



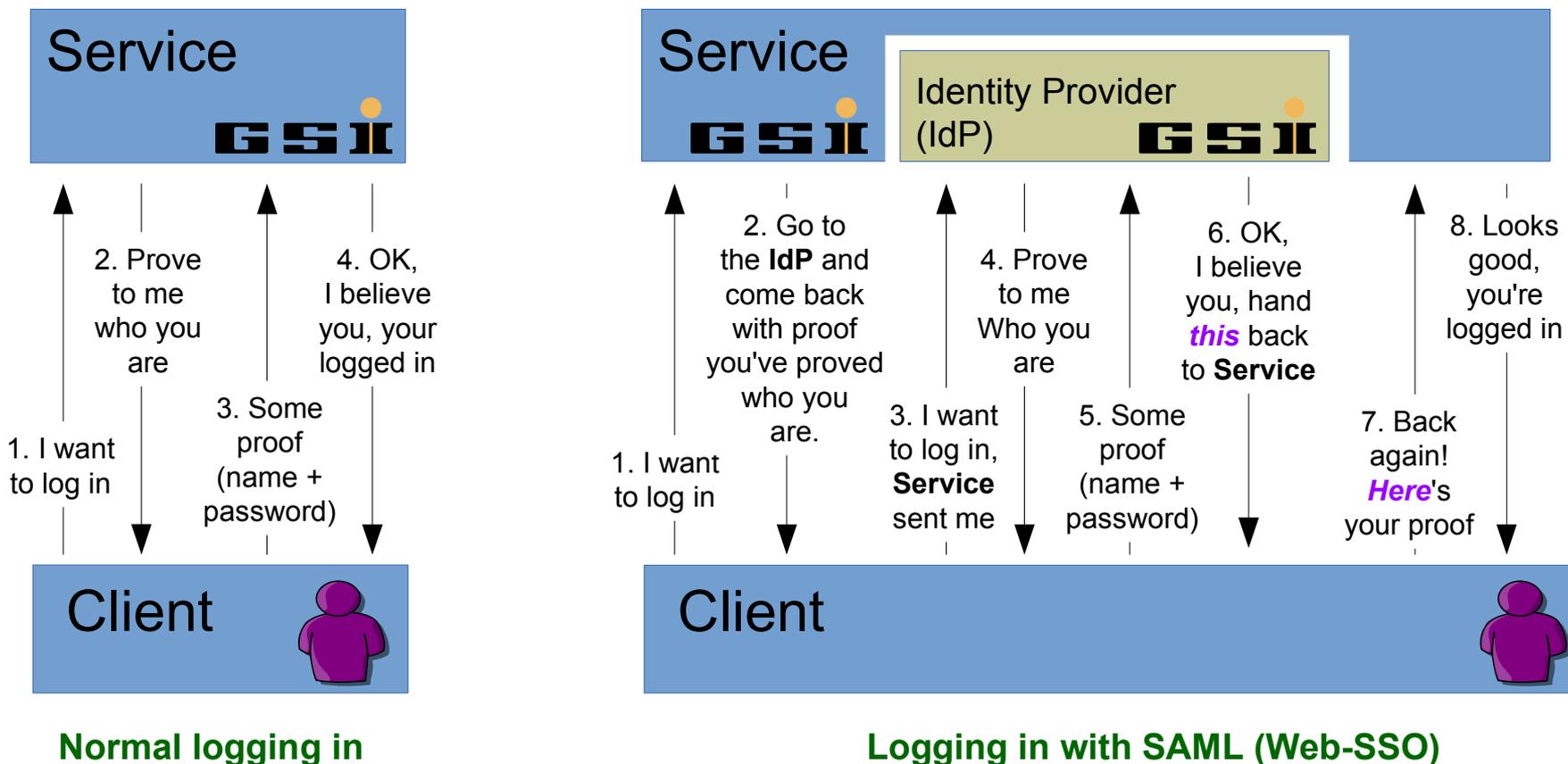
WP1: The abstract vision (with a bit of WP2)



WP1: slightly more concrete



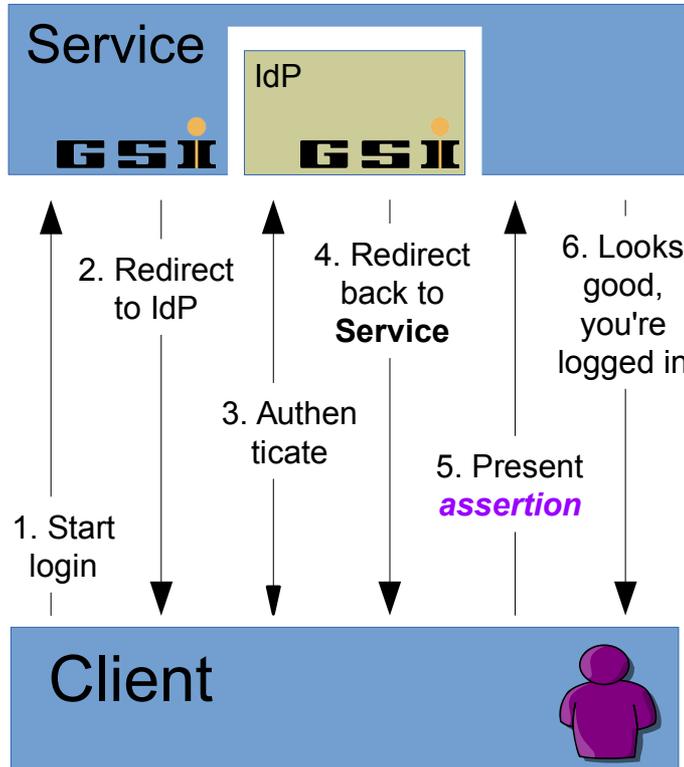
Underlying technology: SAML and Web-SSO



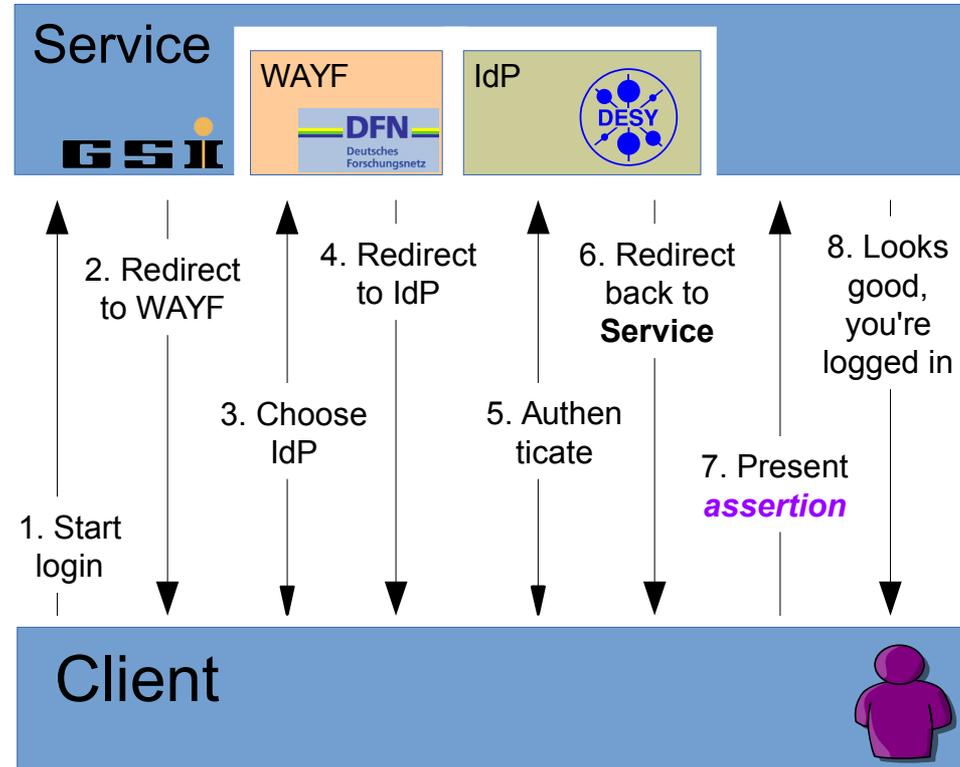
Normal logging in

Logging in with SAML (Web-SSO)

Underlying technology: “Where Are You From?”

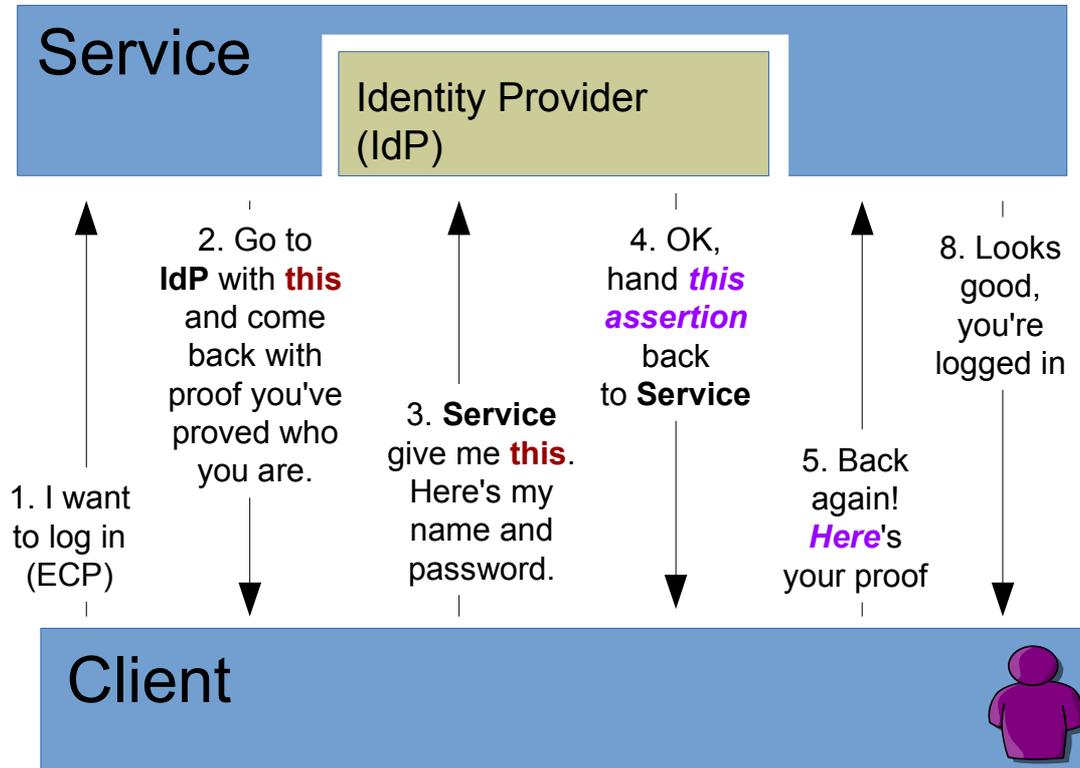


Logging in without WAYF



Logging in with WAYF

Underlying technology: SAML and ECP



Logging in with SAML (ECP)

Problems with ECP



- Almost all SAML assumes there is a web-browser
- Both the service and IdP need to support ECP
 - Currently limited support
- Client needs to know which IdP to contact

Example: X.509 certificate generation

- DFN provide a service that provides an X.509 certificate
 - Uses SAML Web-SSO
 - Client downloads certificate into their browser
- OK, but what if ...
 - a web portal wants that certificate?
 - user has a command-line tool
- It already exists:
 - The US academic federation „CILogin“ provides an ECP certificate generation.
 - DFN are working on this, but couldn't get it ready for this demo.
- Therefore, for these demos, we had to roll-out-own CAs

Thanks for listening!

Questions?

or over to the demos