

Scenario Planning and Reporting: AAI

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A quick introduction

Disclaimer: I'm skipping over many of the details ...

"It's been a **global effort**, a global success. It has only been possible because of the extraordinary achievements of the experiments, infrastructure and the **grid computing**."

Rolf Heuer, the Director General of CERN



Typical user reaction to X.509 (client) certificates



What they ~~wants~~ is used to:



Why this doesn't work:



Why Federated Identity?

Federated Identity allows users to reuse their password safely...



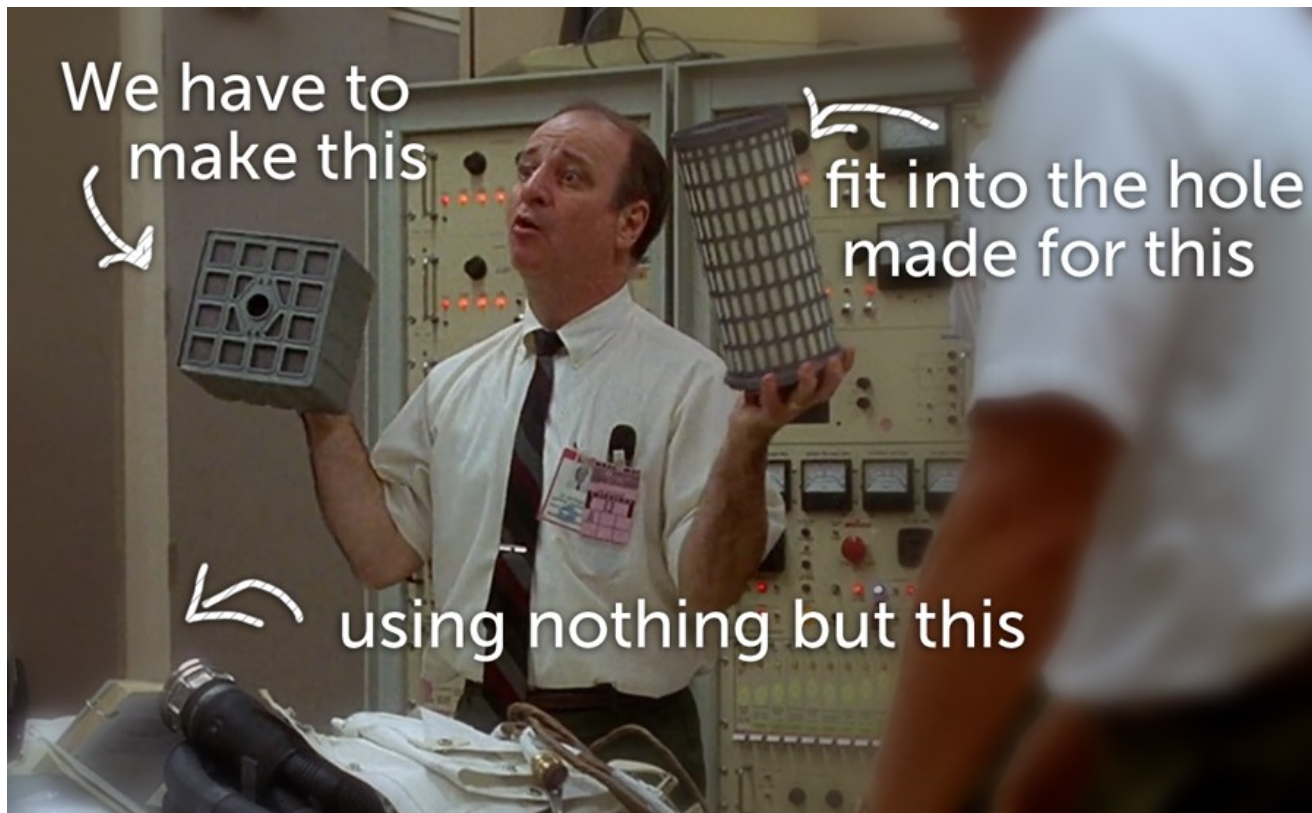
... and finding out who just authenticated

EGI FedCloud is (currently) using X.509 for authentication

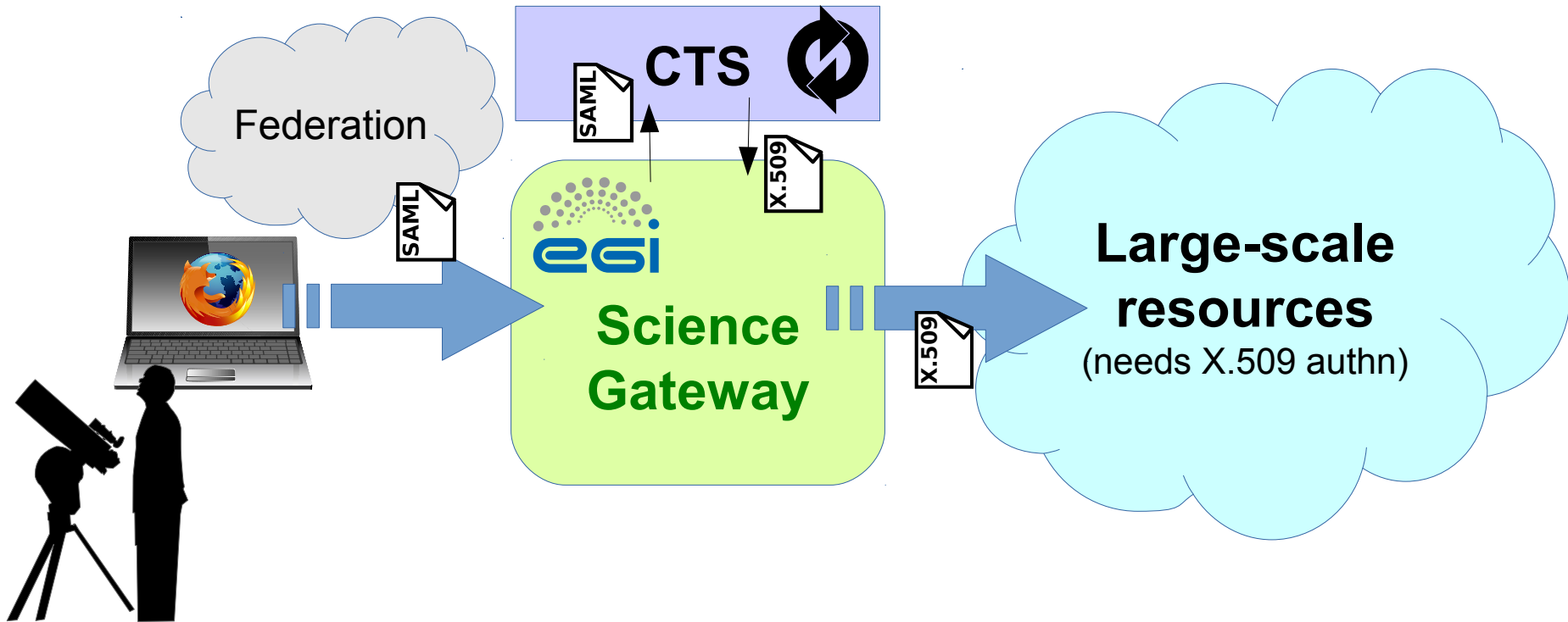


Unfortunately SAML is not compatible with X.509

We want SAML to work with X.509



Why Federated Identity?



Diego: the FedCloud AAI survey

David: LoA and reverse-LoA

Peter: “The Future” – the EGI AAI Pilot and AARC

Diego: “The here and now” – per-user sub-proxies

Discussion per-user sub-proxies – next steps

Backup slides



**Check who you are
&
Authorisation decision**

Check who you are



Identity Provider (IdP)



Record information



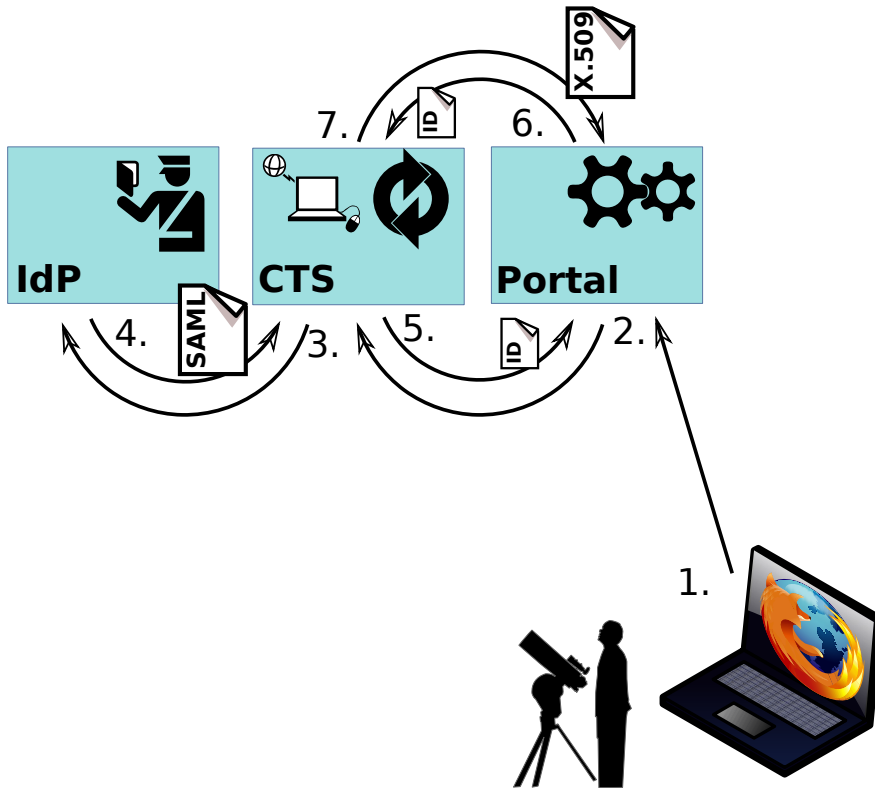
Assertion



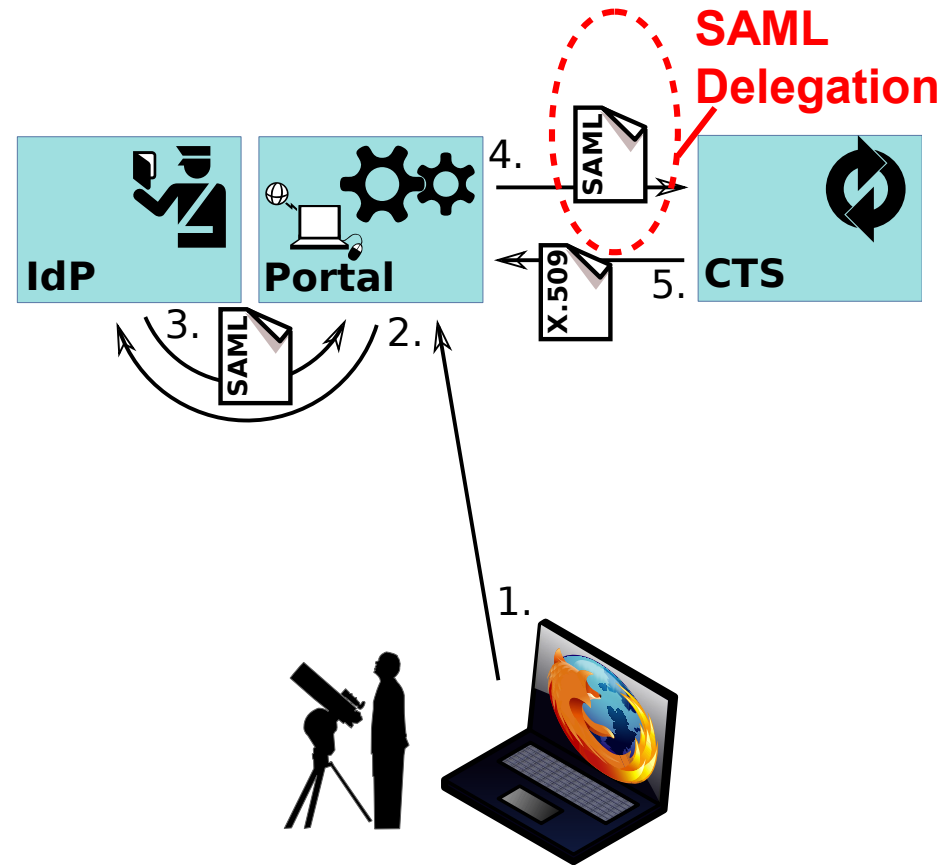
Service Provider (SP)



Types of cred-translation

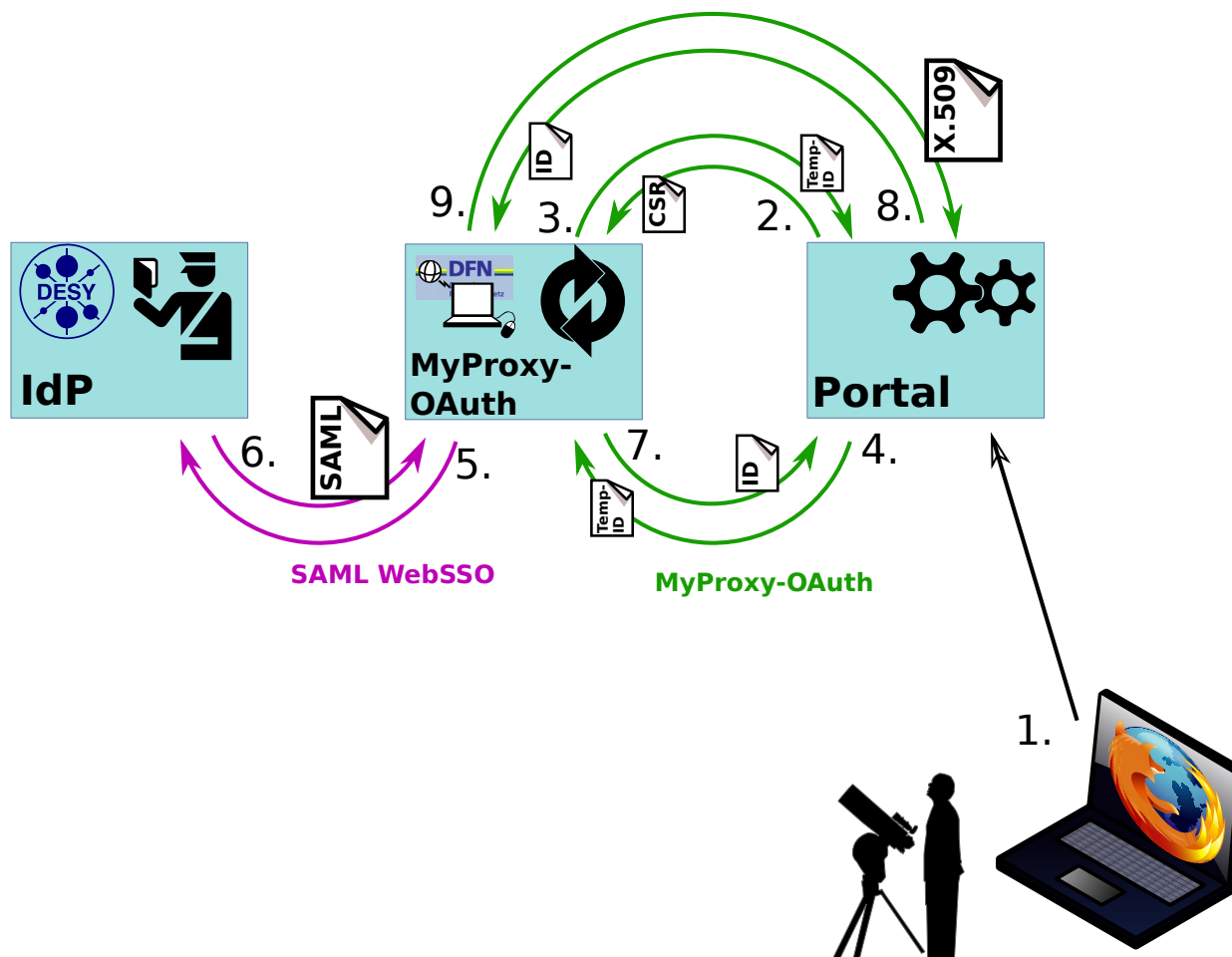


in-band



out-of-band

Types of cred-translation



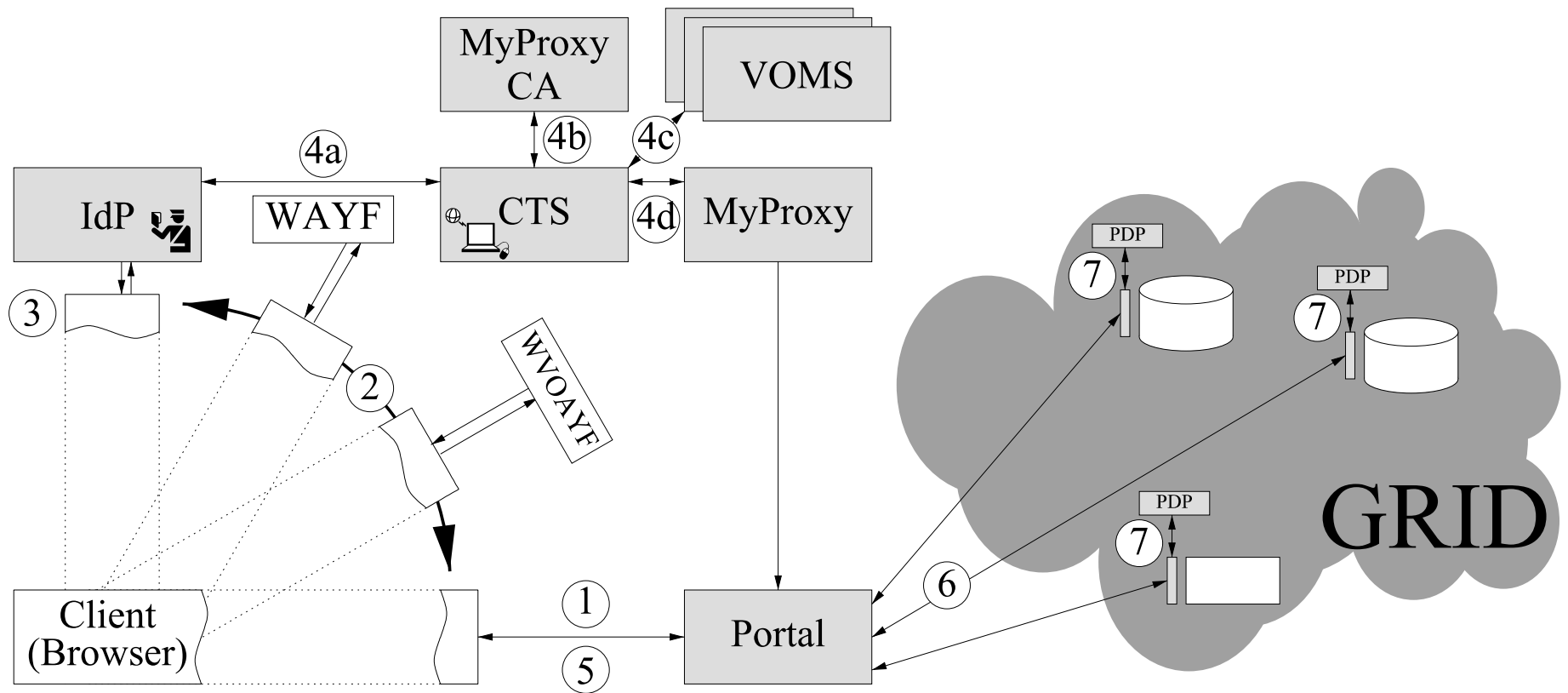


Diagram stolen from http://pos.sissa.it/archive/conferences/162/150/EGICF12-EMITC2_150.pdf