

A vertical decorative image on the left side of the slide shows a network of blue spheres connected by thin lines, set against a dark, textured background.

AAI workshop General discussion

EGI Technical Forum 2012

The large majority of the EGI resources are accessible through:

- Public Key Infrastructure X.509 (PKIX)
- VO Membership

VREs built for the research community need ways to connect to this 'X.509-VO world'

What users want (what VREs need to provide):

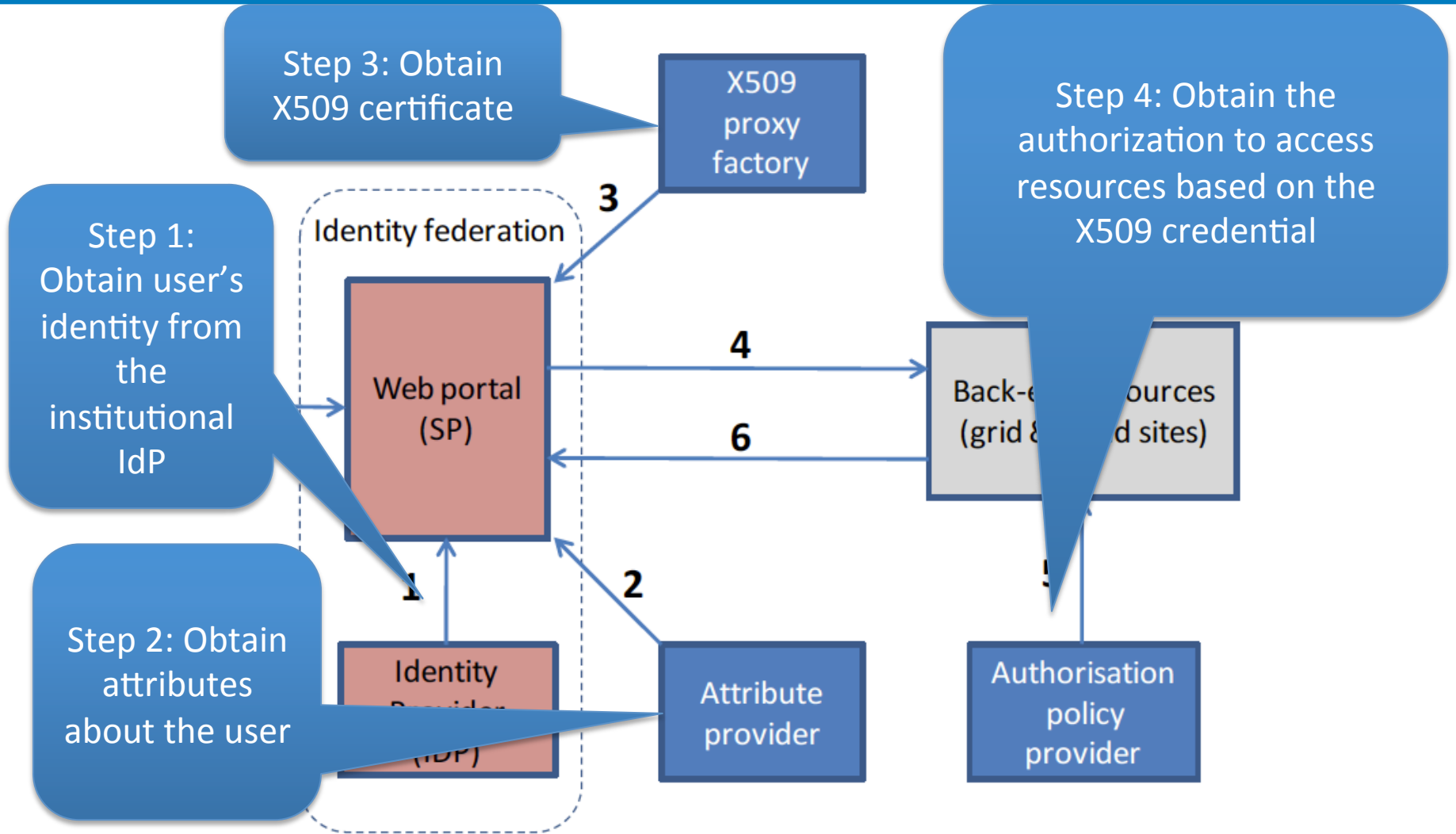
- Easy to use identification (username/password)
 - FIM paper: institutional credentials
- Easy to integrate with web applications
- Be able to run jobs (or VMIs) throughout the whole infrastructure in a uniform way

What resource providers want:

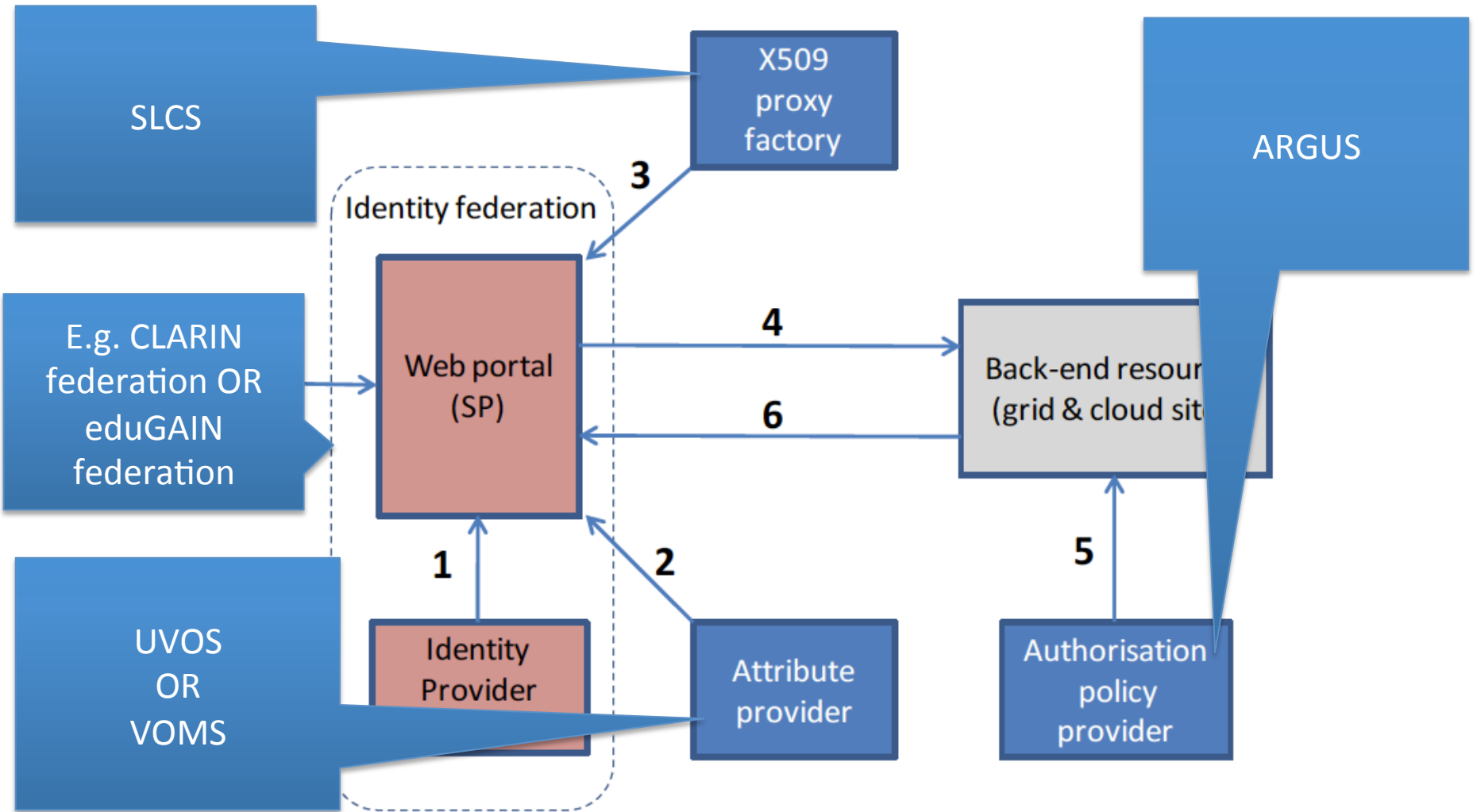
- Track workloads back to the source
 - Security and accounting reasons
 - Back to the individual users?
- Do not revolutionize the currently deployed middleware
 - FedCloud will use X.509 (at least at the beginning)

- A service that can ‘mediate’ between identity federations and the EGI production infrastructure
 - At the European level
 - With multiple implementations
- An architecture that helps EGI position our products
 - Helps the providers become sustainable

EGI federated identity platform in full action



Possible implementations



1. Refine the proposed architecture
 1. Is it the right scope for EGI?
2. Identify the software products implementing one or more pieces of the architecture
3. Identify the issues that are blocking the use of specific implementations
 - In an infrastructure wide scale
 - At a production level