



Perun Description

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History



- Perun v1
 - Supercomputing center in Brno
- Perun v2
 - local Grid computing site
- Perun v3
 - National Grid Infrastructure/separate instances
 - Identity Federations
 - Global AAI
 - Joint development: Masaryk U. and CESNET

Motivation



- Users from different institutions
- Different resource providers
- Difficult to manage distributed entities
- User registration is needed
 - users already have some digital identity
- Delegation of the rights to manage entities
- Configuration of the access rights
- Fill the gap between users and end services

Perun Manages



- Virtual organizations
- Users
- Groups
- Resources
- Services
- Application forms
- Attributes, ...

What it is? (Shortly)



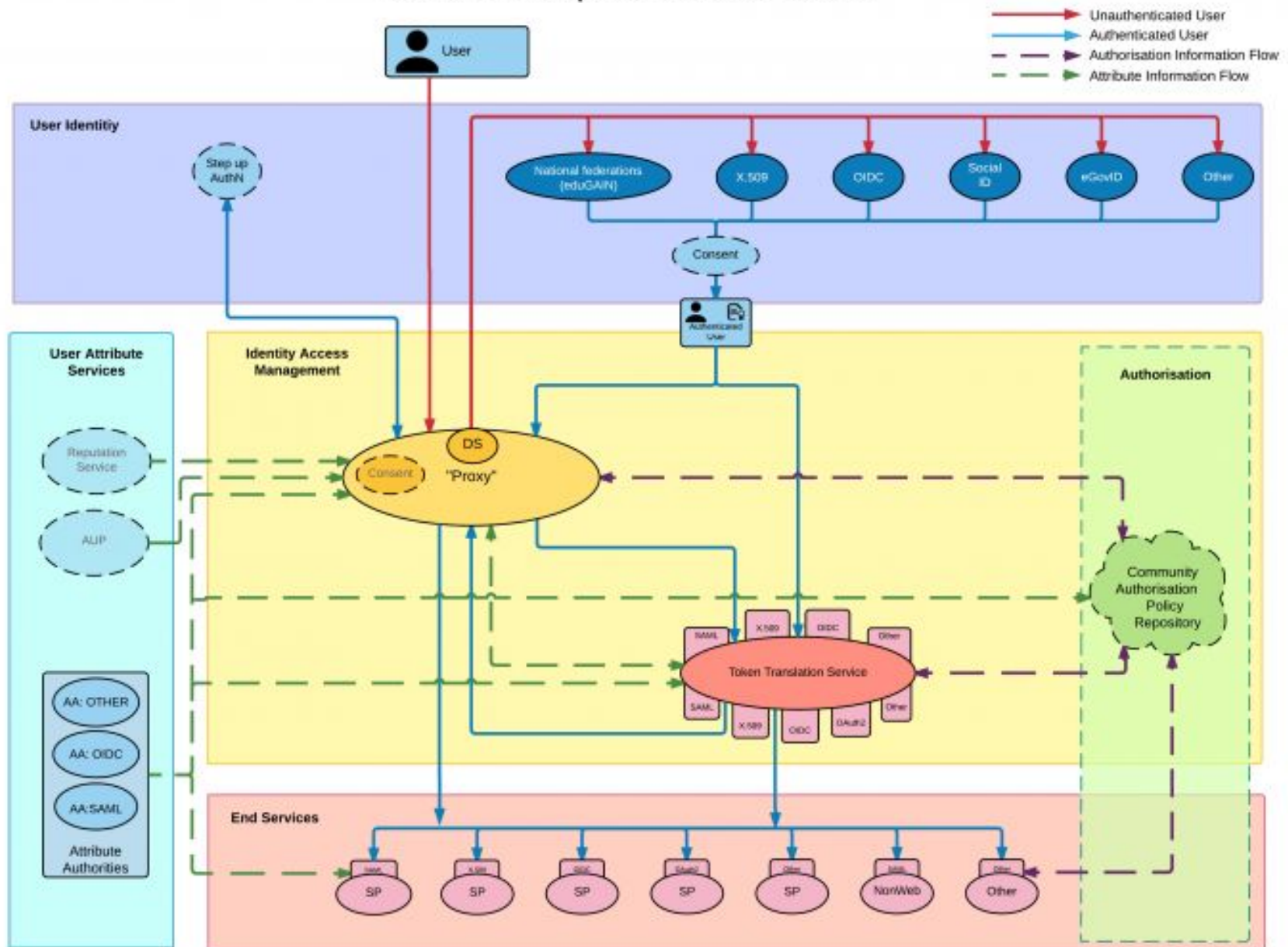
- IAM - Identity and Access Management
- Grab user identity -> categorize -> assign resources -> let them use the resources

What is it not? (Shortly)



- Authentication server
- Credential storage
- Solution to all problems
- Slideware :-)

AARC Blueprint Architecture



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