

Remote configuration server for local rewriting proxy instances

Cost: 10,000 €

Expected time to delivery: 3 months

Open source license (MIT, GPL, Apache, BSD...)

Use case

Often institutions operate proxy-servers in addition to the connection to the eID federation. The reason is the need of to support additional services such as link resolvers, search engines, subject gateways and reference managers. Only a local proxy can take into account local IP-based license particularities, reveal local IP addresses to some of the reference systems, and provide closer integration with local mechanisms for information searching and retrieval.

Thus the local proxies enable convergence between IP-based access control and federated identity management and it is worth noting that these proxy services can be used to enhance federation-enabled access by transparently providing direct links (usually referred as «WAYFless URLs») into resources through the reference systems mentioned above.

Configuring and maintaining proxy services is tedious and requires local know-how which is often hard to maintain.

Proposal

The proposed system reliefs operational load of operating local proxy-servers by enabling centralized management and configuration of the connected, decentral proxies. The local proxy admins will only need to establish a list of resources to keep an updated configuration for their proxy systems.

Therefore, the project is complementary to the proposed system for a web based administration interface, and should translate into much better user experience in employing federated identity in customary workflows.

