

Copenhagen, July 8 2010

Web based, federated EZproxy administration interface

Cost: 10.000 €

Expected delivery: at the latest by February 2011.

Open source licence: MIT licence

Background

EZproxy is widely used by libraries and many others to manage access control to licenced material. This is traditionally done by defining eligible IP-address ranges to which access is granted. EZproxy now supports federated access control, where users may be authenticated, via the federation, at their home institution.

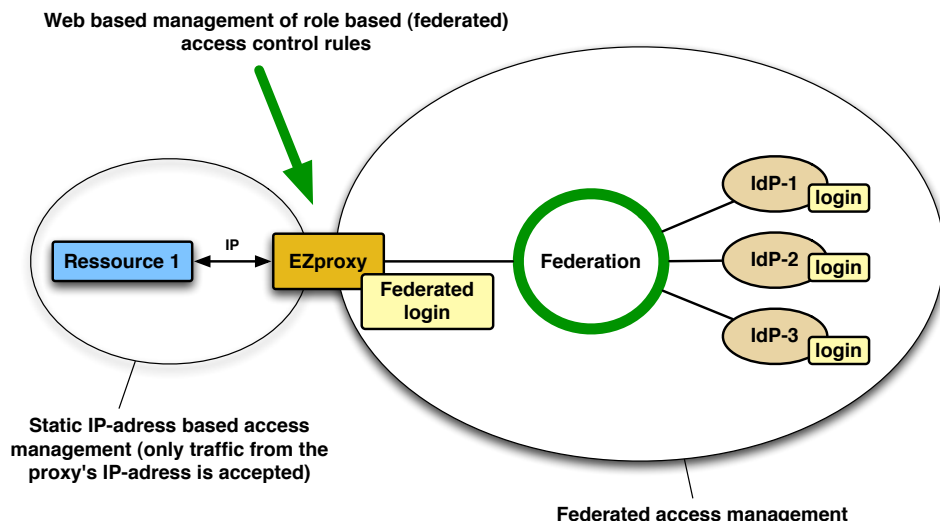
Users are this way made independant of IP-adresses (physical networks and hence also physical locations) which is generally seen as a great advantage.

EZproxy may be used to protect resources using the federated approach, while leaving the IP-address control towards resources intact. The resources then trusts the access control rules managed at the proxy-server - and let in all traffic stemming from the IP-address of the proxy-server. This way the resource does not have to implement federated access management systems - and may even simplify the IP-address management as it will now only receive traffic from *one* single IP-address, namely the one of the proxy-server.

Proposal

The developed system will provide a web based interface to manage the access rules at the EZproxy. The administrator will be able to allow or deny users from different institutions (IdP's) access to resources protected by the EZproxy-server, based on the attribute values received by the proxy-server as part of the users' federated login procedure. Many other aspects of the configuration will be manageable as well.

Access to the administration interface will be based on federated login and configurable to graphically fit local environments and branding policies.



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