Poster Title appears here

Aim:

1) To create authorization / authentication system between Vlab services.
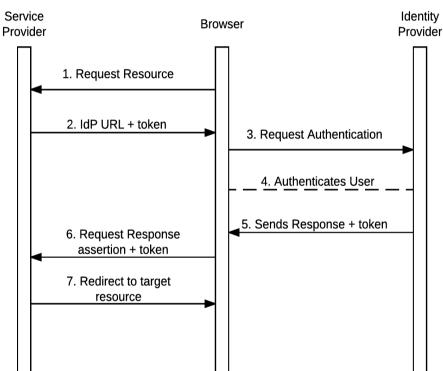2) To build a model of the interactions required, such as single-sign on and common authentication.

What we did:

1) We needed to survey current industrial standards according to our requirements and look for for possible solutions.
2) We have implemented an oauth service model using an Oauth Server, a client server and the LDS dashboard (an existing VLEAD microservice).

Conclusion:

Through surveying and creating models we show that Oauth is a viable method for achieving authentication and authorization betweeen Vlab services.

Service Provider — Browser — Identity Provider

1. Request Resource
2. IdP URL + token
3. Request Authentication
4. Authenticates User
5. Sends Response + token
6. Request Response assertion + token
7. Redirect to target resource

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