Pilot results and demos

Pilot overview

As of March 2017, a large number of pilots have been prepared and lined up as part of the AARC SA1 activity. We assessed the suitability of many different components to handle common issues experienced in R&E. Topics range from handling guest users, managing attributes, to performing token translations. A detailed overview of all components piloted is available here:

Expanding the reach of federated access

Libraries

- Libraries consortium portal and proxy pilot Portal & Hub for library consortia - tested with Greek Heal link consortium
- Libraries EZproxy access mode switch pilot Hybrid SAML and IP address based AuthN – tested with IT library community
- Libraries walk-in-user pilot Entry for guest users to access library sources – tested with IT library community

Check this flyer with a general overview of the pilots: <Click library pilots pdf leaflet> and give us feedback via this **online survey**

Guest access

- External identity provider pilot Include Social Identities (Facebook/LinkedIn/Google) in the Authentication and Authorization – tested with EGI
- COmanage ORCID pilot AuthN with ORCID iD and writing it to LDAP for use in collaboration services - tested with Dutch research communities

Testing technical and policy components

Attribute management - <**Click attribute management pdf leaflet>**

- Attribute management pilot EGI Attribute management and proxying to manage access to OpenStack – tested with EGI
- Attribute Management pilot BBMRI Attribute management and proxying to manage access to BBMRI services – tested with BBMRI
- Perun VOMS CILogon pilot X509 access to Elixir and EGI services with Authorisation attributes pushed from Perun to VOMS into the certificate – tested with Elixir

TTS pilots

- IGTF to eduGAIN proxy X509 to SAML in order to access Services published to eduGAIN – tested with EGI, now in production with R&S and SIRTFI
- CILogon-like pilot SAML to certificate – tested with Elixir and EGI community
- COmanage SSH pilot SAML to ssh + workflows and audit trail – tested with NL BBMRI community, EGI....
- motley_cue: Direct SSH with OIDC.
- WaTTS (SSH-plugin) stand alone p&p TTS using OIDC to generate ssh key – tested with EGI
- WaTTS (RCauth-plugin) using OIDC to generate session inside which an RCauth Certificate is stored – tested with EGI, B2Access, HBP, Indigo
- LDAPfacade Providing access to non-web resources via SAML and PAM– tested at PSNC

Enabling access to (commercial) 3rd party

- Seafile with SAML federation pilot
- Collabora/Nextcloud federation pilot

Cross infrastructure pilots

- PRACE-EUDAT pilot
- EGI-EUDAT pilot - web based and non web based use cases