AAI@EduHr – an update

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Numbers, organisation, technology, ...

- in numbers:
  - 218 +1 +1 IdP
  - > 570 000 user identities
  - roughly 70 SPs (20 + 31 eduroam + 20 in pilot phase)
  - around 3.000.000 authN reqs per month
    (2.600.000 via RADIUS infrastructure)

- Policy document:
  - formal approach
  - internal organisation:
    • members (IdP + SP(optionally)) & partners (SP only; not from “core community”)
    • AAI@EduHr board
    • AAI@EduHr council
    • Srce == coordinator/operator
  - international aspect covered
AAI@EduHr

Central AAI@EduHr Services
(RADIUS proxy, FWS, MDS)
(login, SSO)

Shibboleth GW
-eduroam
-eduGAIN BE

RADIUS
HTTPS / SOAP
HTTPS / SAML

AOSI-WS
&
RADIUS server

LDAP Directory
Home Org

User: uid@realm.hr

Entry Point
Service Provider

≈ 3.000.000 reqs./month

200 Home orgs
70 Services

AAI@EduHr Component

eduGAIN BE

200 Home orgs
70 Services

AAI@EduHr

Shibboleth GW
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RADIUS
HTTPS / SOAP
HTTPS / SAML
Technology

- used protocols:
  - were: RADIUS + LDAP + SOAP
  - now: RADIUS + SOAP/SAML
  - SAML 2.0 standard
  - SAML 1.1 supported

- an alternative view:
  - single IdP (central login)
  - with multiple authN points

- enhancing AOSI-WS:
  - added plugin feature, allows synchronisation with other systems
Services

- **main apps:**
  - network access (eduroam, DSL, UMTS, cable, dial-up, ...)
  - e-learning (moodle)
  - collaboration tools (wiki, CMS, forums, TTS, ...)
  - simple web apps
  - ...

- **central support includes:**
  - providing support/generic solutions for IdPs & SPs
  - debian software packages for IdPs and SPs
  - monitoring, statistics, diagnostics (?)
  - hosting services (primary (36) and secondary IdP (53/63) functions)
Vanilla AAI@EduHr (for Web-based applications)
WebSSO in AAI@EduHr
Failover/Redundancy

- MDS+
- login/SSO
- FWS 1
- FWS 2
- IdP
- SP
http://www.aaiedu.hr/

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