Diagnostic and Related Activities
(Monitoring and Measurement of Federation Activity)

Miroslav Milinović
University Computing Centre,
University of Zagreb, Zagreb, Croatia
<miro@srce.hr>

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Food for thought

- standardisation
  - what and how do we measure & monitor?
- centralised vs. distributed solutions
  - central repositories (databases)?
  - centralised monitoring service?
- tools integration/standardisation?
- NAGIOS framework as a standard?
- can we learn/generalise from the eduroam model?
- “test identity”? yes or no

- what about your organisation / country / (con)federation?
Confederation monitoring: a proposal

monitoring service

monitoring client

monitoring database

MDS

tested federation

(test) IdP

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Proposed work

- document current monitoring services / projects (based on information available on Refeds wiki)

- (pilot) cross-federation monitoring probe:
  - Acting as SP and testing: MDS, WAYF, IdP
  - Policy?
  - Test Identity / IdP?

- harvesting metering & monitoring data
  - cross-federation?
AAI@EduHr traffic (1)

FWS/SSO (SOAP/SAML) traffic for October 2009
total: 536,533 requests
AAI@EduHr traffic (2)

FWS/SSO (SOAP/SAML) traffic for January 2010

total: 1,158,895 requests
AAI@EduHr traffic (3)

FWS/SSO (SOAP/SAML) traffic from January 2009 to January 2010 total: 7,580,169 requests
AAI@EduHr monitoring

- centralised monitoring service
  - for central services, IdPs and selected SPs
  - functional testing
  - Nagios based
  - http://www.aaiedu.hr/status_li.php

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