eduGAIN Service Update

REFEDS 44th meeting
June 13th 2022

Davide Vaghetti (GARR)
Agenda

• A few stats
• eduGAIN new key
• eduGAIN Service development
• eduGAIN Reporting
• eduGAIN Futures support
eduGAIN Participants & Entities - 2016-2022

**Entities**

**Federations**

**Entities to Federations Ratio**
Entity Categories implementation and support 2016-2022
The missing bit: usage

Number of authentications in last 24 hours

List of participants

Currently F-ticks are collected from selected IdPs from the following federations:

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Country</th>
</tr>
</thead>
<tbody>
<tr>
<td>AAI-EDUHR</td>
<td>AAI@EduHr</td>
<td>Croatia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Macedonia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Czech Republic</td>
</tr>
<tr>
<td>IDEM</td>
<td>IDEM</td>
<td>Italy</td>
</tr>
<tr>
<td>SAFIRE</td>
<td>SAFIRE</td>
<td>South Africa</td>
</tr>
<tr>
<td>SWAMID</td>
<td>SWAMID</td>
<td>Sweden</td>
</tr>
<tr>
<td>YETKIM</td>
<td>YETKİM</td>
<td>Turkey</td>
</tr>
</tbody>
</table>

https://f-ticks.edugain.org
eduGAIN new key: eduGAIN Key Signing Ceremony 2022

<table>
<thead>
<tr>
<th>Key type</th>
<th>Key Subject</th>
<th>Key Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECC 384bits</td>
<td>O=GEANT, CN=eduGAIN ECC Signer CA 2022</td>
<td>20 Years</td>
</tr>
<tr>
<td>RSA 4096bit</td>
<td>O=GEANT, CN=eduGAIN RSA Signer CA 2022</td>
<td>20 Years</td>
</tr>
</tbody>
</table>

March 8th 2022:   eduGAIN Key Signing Ceremony
March 9th 2022:   eduGAIN test stream available
March 22th 2022:  eduGAIN new stream official

**End of June 2022:** old eduGAIN stream deprecation

https://wiki.geant.org/display/eduGAIN/eduGAIN+Key+Signing+ Ceremony+2022
eduGAIN Service Development

**eduGAIN Technical Site v2.4 (Tomasz Wolniewicz)**
- Code cleanup and major rewrite
- Federation links check
- It will be deployed AFTER TNC22

**eduGAIN Attribute Release Check (Tomas Budvytis, Pavel Polacek)**
- OS and Framework update
- Discovery service moved to SeamlessAccess ([https://seamlessaccess.org](https://seamlessaccess.org))

**eduGAIN Connectivity Check Service v2.1.0 (Marco Malavolti, Valentin Pocotilenco)**
- Fake SP test
- Reworked the check results & ECCS status
eduGAIN CoCo v2 and Sirtfi v2 support

REFEDS Data Protection Code of Conduct v 2:
- CoCo v2 monitor support + Sirtfi v1 (and v2)
  - eduGAIN Database support
  - eduGAIN Validator support
  - eduGAIN Reporting support
  - EARC Service Provider support
  - eduGAIN documentation update (move to REFEDS)

REFEDS Sirtfi v2:
- CoCo v2 monitor support
  - eduGAIN Database support
  - eduGAIN Validator support
  - eduGAIN Reporting support
  - EARC Service Provider support
eduGAIN Reporting production deployment

Federated authentication
eduTEAMs authorization
F-Ticks integration
E-mail notifications

Get Your Own Reports - Register for eduGAIN Reporting

Jule Ziegler, Dubravko Penezic, Valentin Pocotilenco
Original developer: Mihály Héder
eduGAIN Futures WG Support

Resources
Development
Implementation
Support for the eSG
QUESTIONS?

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