



SA5: eduroam service update

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TF-mobility meeting
Umea, July 8, 2008



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eduroam service

- Technology infrastructure:
 - **TLRSs**, FLRSs, IdPs and SP RADIUS servers, network access elements
- Supporting infrastructure:
 - monitoring and diagnostics, eduroam database, eduroam web site, TTS, mailing lists





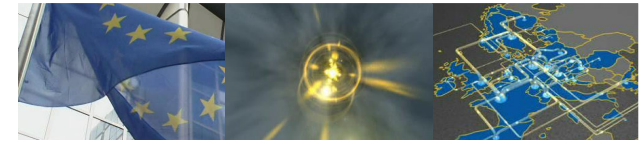
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Technology infrastructure

- ETLRS1 & ETLRS2 – no operational problems
- few configuration change requests
- international peering (.ca, APAN, ...)
- RadSec introduced (DS5.4.1)
- “mixing with others”
- supplicant SW (Secure W2 vs. OpenSEA)



Traffic (etlrs2 / auth. count)



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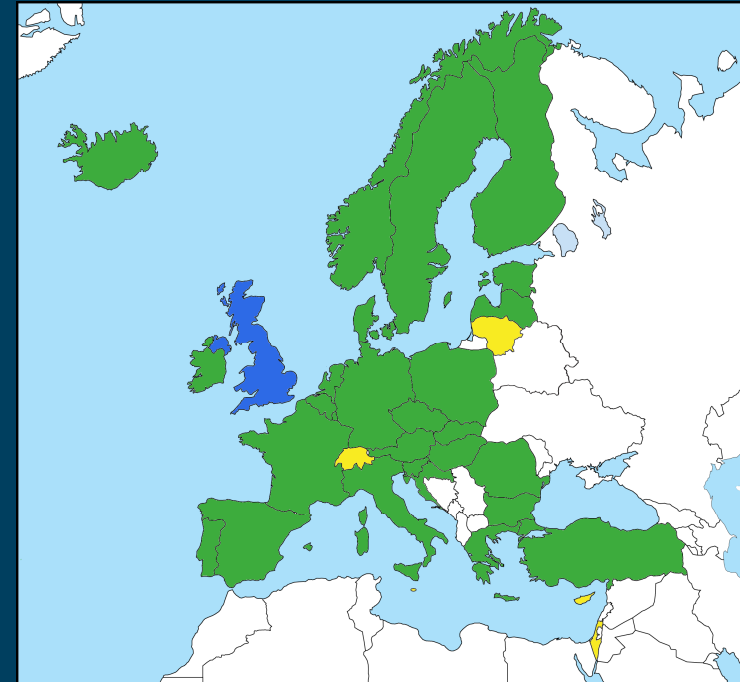
year	2008													
month	May													
auth_result	OK													
Sum of numb	incountry													
userfrom		BE	CZ	DE	DK	ES	IS	LT	MT	SI	Grand Total			
at	7		5	8			4							24
au	7													7
ch	18			6										24
cz	91			182	376	2				3				654
de	18				12					10				40
dk	39													39
ee	11													11
es	89		5350	173	16					12				5640
fi	57													57
fr	15			13										28
gr	9													9
hr	117									2				119
hu	2													2
ie	21													21
it	19									5				24
jp	2													2
lt	5													5
lu	39			24						6				69
nl	33			23	34									90
no	77				45									122
pl	83			6	27	4								120
pt	62		182	161	273	36		1		3				718
se	4			1	20									25
si	69		7	20					1					97
sk			145											145
uk				7		15								22
Grand Total	894		5689	624	803	57	4	1	1	41				8114



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Policy

- 33 NROs/NRENs
- 28 signed
- 1 LoI (UK)
- we still wait for:
Cyprus, Israel, Lithuania, Malta
- in addition JSCC (Russia)
signed but is not connected
- Andorra: perspective new
member





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Web site

- www.eduroam.org
- ongoing work
 - cookbook on the Web
 - training materials
 - incorporate monitoring, public data from the database
 - internal website for SA5 (wiki?)
 - ...



Monitoring



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- monitor.eduroam.org
(http://monitor.eduroam.org/genpng/realm_usr.png)
 - ✓ monitoring servers
 - ✓ monitoring infrastructure
 - 27/33 NROs included
 - testing on demand to be added (access via web)
 - RadSec monitoring – to be established
 - few more details to be polished

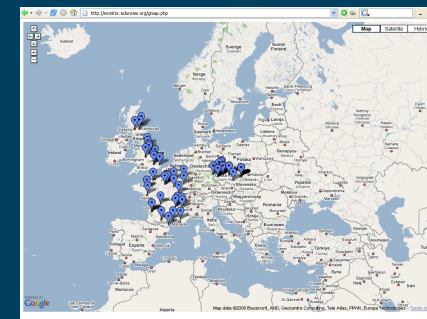


Database



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- status: monitor.eduroam.org/database
 - still not fully filled
 - test your XML:
http://monitor.eduroam.org/eduroam/xml_validation_test.php?url=<URL_to_file>
- specification:
 - [current version](#) (17.04.2008.)
 - few more details to polish:
 - ref_name for SP-only (in order to provide usage)
 - better examples ...
 - ?
- map tool: generates maps based on database content (policy, web site, monitoring, database status, ...)
- European eduroam map: <http://monitor.eduroam.org/gmap.php>





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TTS (OTRS)

- eduGAIN enabled service
- http://edugain-rnd.srce.hr/simplesamlphp/otrs/customer_auth.php?
- detailed workflow specification for SA5 will be finalised by the July 14
- productional version - July 2008





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training efforts

- together with NA8
- TtT – for SP admins (local-inst. admins)
- “eduroam feedback form”
- Amsterdam (11-12 June 2008)
- Zagreb (29-30 September 2008)





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future plans

- for GN3:
 - Policy ver.2.
 - global aspects
 - enhance supporting elements (monitoring, database, ...)
 - measurement/stats
 - accounting/auditing, black listing?
 - NAC/NEA
 - whatever comes from the JRA5 successor ...



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<http://www.eduroam.org>

