

TF-Mobility Meeting

Luxembourg - 20 September, 2006

Welcome

Klaas welcomed the participants and bashed the agenda.

New TF-Mobility Charter

Klaas presented the new charter to finalise responsibilities.

ECAM, the steering committee for both TF-Mobility and TF-EMC2, was presented to the group.

Klaas reviewed the list of work items and deliverables, in particular those not agreed upon yet.

When the dissemination work item was discussed, it was suggested to have training material available to support the deployment of the eduroam in the campuses. It was agreed to expand the dissemination work item to create an area on the eduroam website to provide hands-on experience.

Miro said that Croatia would like to share the material they have produced on how to configure RADIUS and what the tool they use for statistics and monitoring.

ACTION: David and Licia to take care of gathering the information and make it available on the eduroam web site.

The point 2b of TF-Mobility terms of reference, the eduroam compliance list set-up, was discussed in detail to agree how this list should look like. It was agreed to compile a list of minimum requirements, which are necessary to have eduroam up and running. Equipments can be tested against the list to verify if they are able to support eduroam.

Klaas reported that Philippe Hanset (University of Tennessee) agreed to take responsibility for the work item 5, 'SensorNet'.

Miro was appointed as activity leader for 'Metering and statistics'.

ACTION: Licia to update the Terms of Reference and put it online

RFC for RadSec – Stefan Winter

The motivation to explore RadSec arises from the need to use something more secure than RADIUS. After some studies carried out by TF-Mobility and JRA5, it was clear that DIAMETER will not be available in production quality in the near future, and therefore the only possible alternative to RADIUS could be RadSec.

Stefan got in touch with RADIUS implementers and is working with them to define RadSec specifications. Based on the specifications, Stefan is going to write an internet draft, with the goal of eventually having an RFC.

Milan pointed out that the specifications are not very detailed at the moment, so he advised to agree as much as possible on what should be implemented and discuss this with implementers.

It was agreed to try and organise a meeting with the implementers during one of coming IETF (probably the one in spring in Europe).

A discussion followed to agree on the specifications that should be discussed in more detail with the RADIUS implementers and the following was agreed:

- verifying the number of server connections to avoid DoS
- supporting TLS verification, as already specified in some RFCs
- and defining further validation methods.

Stefan asked inputs on the type of connections: one connection bi-directionally or one for each direction (two in total). There seemed to be consensus for one connection per direction.

Stefan will get to the implementers with the comments he collected during the meeting and will report back to the group.

ACTION: Stefan to report back to group on RADSec developments.

RADIUS server answer: Time out versus access reject

Prior to the meeting a discussion took place on the mobility list about the message delivered by the RADIUS server: time out and access reject. It appears that the default message can be configured, but no consensus was reached on which option should be used. It was agreed to continue the discussion on the list.

eduroam Statistics – Miroslav Milinovic

Miro will send an email to the list to present his plan on how to proceed on this topic. The first step should be collecting all the information and agree on what kind of statistics are needed. It was agreed that the number of users that are connected at a certain institution would be useful information, to complement the weather map.

ACTION: Miro to follow up on the statistics.

DAMe Report – Juergen

DAMe idea, which was first presented during the TF-EMC2 meeting in September 2005, is now funded via GNT2 and carried out by University of Murcia and University of Stuttgart.

The project focuses on enabling authorisation via eduroam and to use DIAMETER. To allow for this the RADIUS infrastructure would transport also SAML (NAS-SAML) attributes which provide information about the users.

Once this functionality has been enabled, the later goal would be to integrate eduroam in a SSO infrastructure.

The University of Murcia, who defined the specification for the project will implement a DIAMETER-RADIUS translator, to allow the current eduroam infrastructure to carry the packages.

A meeting with the parties involved took place in Spain at the beginning of September.

No website for the project is available yet.

NRENs Roundtable

SURFnet – A new project has started to bundle network access and application access. SURFnet federation should be in place at the end of 2006.

UNINETT – Not a lot to report due to the summer holiday.

DFN – There are 36 institutions connected that provide eduroam access. In the next future DFN will implement a map where information on the institutions connected are displayed, on the same way that other countries already do. DFN has also developed some statistic monitoring that were presented during the meeting.

RESTENA – There are about 10 institutions connected to eduroam. Work is ongoing to finalise the regional policy.

ARNES – The regional eduroam page has been improved. The Slovenian government has made funding available to support the deployment of eduroam in the country (reported by Stefan Winter on the behalf of ARNES).

SUNET – The national policy is about to be finalised. A workshop on the eduroam deployment will take place at the end of October.

SWITCH – There are various activities going on in the mobility area, among which eduroam. The national policy has been discussed with the local universities, which triggered lots of discussion to clarify legal issues. The PWLAN project is still ongoing and the plan is go ahead with both projects (PWLAN and eduroam).

RedIRIS – The deployment of eduroam in the universities is going ahead. There is lots of interest in the monitoring.

GRNET – Progress is slower than planned.

CARNet – The local page is still in Croatian, but it will be ready in English soon. Monitoring information can be found on-line.

FCCN – Luis gave an update about eduroam in Portugal (see slides on line).

CESNET – A project to support the deployment of eduroam at the institution level has just started in Czech Republic

UNI-C – A big campaign to promote eduroam will start in October 2006. The national eduroam federation is under discussion and should be approved shortly. David raised the issue on anonymity of eduroam users (institutions may not know who their visitors are), which concerns the universities.

This is a problem that also other NRENs have to deal with and the recommendation is to define some means in the national policy to assure institutions that misuse by individuals will be dealt with (ie home site to maintain sufficient logs of the authentication process, etc).

Next Meeting

It was suggested to host the next meeting during the GNT2 workshop in January 2007, if possible. More information about the final arrangements for the meeting will be distributed via the list.

Summary of the Actions

ACTION20-09-2006/01: Stefan to report back to group on RADSec developments.

ACTION20-09-2006/02: Licia to update the Terms of Reference and put it online

ACTION20-09-2006/03: Miro to follow up on the statistics.

ACTION20-09-2006/04: David and Licia to take care of gathering the information and make it available on the eduroam web site.