



8th TF-ECS Meeting Minutes

Participants:

Dimitris Daskopoulos (VC, partly)	GRNET
Erik Dobbelsteijn	TWIYO
Licia Florio	TERENA
Jose M. Fontanillo	RedIRIS
Bernie Hoeneisen (partly)	SWITCH
Andras Kovacs (VC, partly)	NIIF/HUNGARNET
Mihaly Meszaros	NIIF/HUNGARNET
Jan Ruzicka	CESNET
Marco Sommani	CNR - IIT
Bo Ståhle	UNI-C / Forskningsnett
Peter Szegedi	TERENA
Fabio Vena	SWITCH

Minutes:

9:30 (introduction)

- Welcome by Fabio and round of introductions
- Agreement on the agenda:
 1. Open action items from the last meeting
 2. Cookbook update
 3. NRENnum.net
 4. Planning of TNC + final deliverables
 5. Synergies with GN2 SA6
 6. ECS server template
- Marco noted that GN2 SA6 access is closed and GARR is not involved. What is the procedure to join?
- Mihály suggested to write a letter to András
- Peter mentioned that the SWITCH guys have to be registered to this meeting (it was done).
- Licia announced that the VC minutes (in December 2007) and the last meeting minutes (16 January 2008) are on-line (TERENA website).
- Licia noted that the new TF secretary will be Peter Szegedi (TERENA) from now.
→ **ACTION 0.1 to Peter: Take over the ownership of the TF-ECS mailing list.**

10:00 (1. Open actions)

- Only one open action: cookbook update
- Licia described the actual situation; only the TTC official stamp is missing (formal step).
- Licia said that one of the possible questions from the TTC is about the relevancy of the re-structured cookbook for the NREN community.
→ **ACTION 1.1 to Peter: submit the proposal to the TTC for final approval.**

- Jan replied there are a number of available distributions and it is useful to have a well-documented version. Reading the recipe and using the distribution at the same time helps to get in touch with the technology itself.
- Reading the previous cookbook does not help to understand the practical issues.
- Marco said that doing something immediately after the reading helps to not lose the effect.
- Peter collected the list of NRENs supporting the idea: GARR, RedES, SWITCH, UNI-C, CESNET, NIIF
- Erik noted that the previous cookbook was used a lot by decision makers and admins performing specific tasks, but it was hardly used to set up a complete service at an institution. The distribution can make it easier to pursue that goal.

11:00 (2. Cookbook preparation)

- Dimitris joined to the meeting by VC
- Erik introduced the new ToC of the SIP Handbook
- Introduction section was based on original one by Catalin (not much change)
- The proposed name by Erik is NRENhanced Communication Server (Enhanced Communication Server is already used by commercial parties)
- Erik noted that the list of the targeted audience should be checked later during the preparation.
- Peter mentioned that the name of the "work" in the TERENA contract is SIP Protocol Handbook, but now the proposed title is NRENhanced Communication Server. That should be harmonized.
- Erik mentioned to use a working title in the contract, the final title will be determined by the Task Force.
- Marco noted that the current wiki on the cookbook has not a nice view.
- Licia asked that what is the proper form: wiki or PDF on the TF-ECS web page?
- Fabio said that we should shut down the wiki and move the relevant part to public website.
- The owner of the chapter (the contributor) should decide about the deletion or moving of the content of the chapter.
- ACTION 2.1 to the chapter owners: copy the content and move to <http://www.voip-info.org/wiki> (and leave a copy behind as a backup before the wiki shut-down)
- Peter will get back to Erik for the deadline of the wiki shut-down (around end of March).
- Licia said till the wiki shut-down (possibly till June) we put a text to the TERENA web page saying: do not refer to the wiki because that is just a preliminary phase.
- ACTION 2.2 to Peter: put the correct reference to the TF-ECS web page.
- Erik said Section 2 of the SIP Handbook is prepared very well.
- Section 3 is a step by step recipe
- Fabio suggested a Troubleshooting and Testing sub-section
- Erik asked the partners to provide input to the feature list.
- Mihály asked the way of the comments: web or mailing list?
- Mailing list was agreed.
- ACTION 2.3 to all: send the comments to Erik by 15th of June (before the second status report of the SIP Handbook)
- Erik said that the final deadline for the image (core part) is 1st of May 2008.
- Jan noted that this deadline is doable for the "basic stuff", but not for the advanced features.
- Licia said we should agree on the basic stuff. -LATER-
- ACTION 2.4 to TF-ECS: Provide the "basic stuff" of the image to Erik by 1st of May 2008.

11:00 (Coffee break)

11:15 (3. NRENum.net)

- Bernie's update on the topic
- NRENum.net has a quite good usage; list of participants is on the web.

- Some updates from the TF-ECS partners in their own country...
 - Fabio mentioned the GDS and ENUM coincidence.
 - Bernie mentioned that transition scenario between the GDS and ENUM is needed.
 - Fabio said that it was decided in GN2 SA6 to install a European root node, but strong plan behind a European GDS gatekeeper is needed.
 - It was agreed; there is no one step migration from H.323 to SIP
 - Bernie asked TERENA for the responsibility of the NRENUM.net domain operation after the TF-ECS mandate.
 - Licia said during the TNC08 we will discuss the details of that.
 - Marco noted that it is very important because NRENs want to use it.
- ➔ *ACTION 3.1 to Peter: Preparation of the paperwork for the NRENUM.net domain transition.*

13:00-14:00 (Lunch break)

14:00 (4. Planning of TNC + final deliverables)

- Last TF-ECS face-to-face meeting and demo during the TNC08
 - Possible options: Sunday afternoon, Monday morning.
- ➔ *ACTION 4.1 to Peter: Check the possibilities of the TF-ECS meeting during the TNC08*
- Licia mentioned that Monday morning is critical because of the TAC meeting.
 - Jan's update on the server status: slides are available, aks Jan.
 - Fabio mentioned that implementation problem could be with SIP on IPv6.
 - Jan said two domains are needed to check the peering.
 - Jan said certificate for the server is needed.
 - Licia mentioned that participation in SCS is costly.
 - Fabio mentioned that is not our task to teach people about certificates.
 - Jan suggested to Erik that the CA exchange between the installed servers is needed and it should be mentioned in the SIP Handbook.
- ➔ *ACTION 4.2 to Erik: Write the CA exchange problem into the SIP Handbook*
- Fabio mentioned that if someone installs the latest Linux package, also installs the CAs.
- ➔ *ACTION 4.3 to all: Create an ECS CA for experimental purposes.*

15:00 (5. Synergies with GN2 SA6)

- András joined to the meeting by VC.
- András mentioned that would be great if the directory system is tested by TF-ECS members.
- Jan agreed and noted that ECS server is good for echo server purposes as well as for the monitoring purposes.
- András's update on the GN2 SA6 status: SA6 is now focusing to the Service Elements like website, trouble ticketing system, wiki knowledge base. Later SA6 will deal with the European level MCU problem, and monitoring the GDS and SIP/ENUM infrastructures.
- Fabio asked for the possibly synergies.
- András answered that one of the possible area is the directory system.
- Fabio mentioned that a global directory and monitoring system is needed.
- András said that all the GDS countries will be asked to deploy a light weight monitoring node. In GÉANT2 countries PerfSonar is deployed, some pieces of it can be reused.
- Fabio mentioned that the ECS server could be a monitoring node as well.
- András mentioned that SA6 has no definition on the requirements yet. But, contribution and revision of the TF-ECS activity on the possible monitoring functions is offered by SA6 partners.
- Fabio said that the ECS server is useful as a central server and/or an echo server in SA6.
- András agreed.
- Jan mentioned that the echo server functions should then be included in the image, but the monitoring functions are difficult.
- Fabio suggested that there should be one image but two different installers/configurators: a) one for the ECS purposes b) one for the monitoring

purposes.

→ *ACTION 5.1 to Jan: Start working on the image (basic staff) but have in mind with the monitoring possibilities.*

- Erik said that after 1st of May we can decide on the monitoring capabilities.
- Andrés mentioned there should be a joint (TF-ECS – GN2 SA6) VC on the plans regarding the directory system.
- Common roadmap is needed.

→ *ACTION 5.2 to Peter: Action item in the next agenda about the directory system.*

→ *ACTION 5.3 to all: Agreement on the next TF-ECS VC: 23rd of April 2008 10:30*

16:00 (6. ECS server template)

- Dimitris and Andrés had left.
- Jan discussed the server components
- Jan mentioned during the development the CESNET numbering plan will be used.
- Jan said the numbering plan should be mentioned in the SIP Handbook as well.
- Fabio asked what will be demonstrated during the TNC08?
- Erik answered that only the first version of the server with separated SIP and H.323 capabilities. The next version may deal with the interaction.
- Fabio mentioned that H.323 number and a SIP name with the same number alias should be demonstrated.
- Erik said that smaller group discussions are needed on the advanced features of the server (i.e. ENUM, Voice mail, echo server, etc.)

→ *ACTION 6.1 to all: The image is there, the server is installed, next job is on the configurator, DNS preparation, etc.*

17:15 (Fabio closed the meeting)

List of actions:

- ACTION 0.1 to Peter: Take over the ownership of the TF-ECS mailing list.
- ACTION 1.1 to Peter: Submit the proposal to the TTC for final approval.
- ACTION 2.1 to the chapter owners: copy the content and move to <http://www.voip-info.org/wiki> (and leave a copy behind as a backup before the wiki shut-down)
- ACTION 2.2 to Peter: Put the correct reference to the TF-ECS web page.
- ACTION 2.3 to all: Send the comments to Erik by 15th of June (before the second status report of the SIP Handbook)
- ACTION 2.4 to TF-ECS: Provide the "basic staff" of the image to Erik by 1st of May 2008.
- ACTION 3.1 to Peter: Preparation of the paperwork for the NRENUM.net domain transition.
- ACTION 4.1 to Peter: Check the possibilities of the TF-ECS meeting during the TNC08
- ACTION 4.2 to Erik: Write the CA exchange problem into the SIP Handbook
- ACTION 4.3 to all: Create an ECS CA for experimental purposes.
- ACTION 5.1 to Jan: Start working on the image (basic staff) but have in mind with the monitoring possibilities.
- ACTION 5.2 to Peter: Action item in the next agenda about the directory system.
- ACTION 5.3 to all: Agreement on the next TF-ECS VC: 23rd of April 2008 10:30
- ACTION 6.1 to all: The image is there, the server is installed, next job is on the configurator, DNS preparation, etc.

