

5th TF-VVC meeting
30 August 2005
Via H.323 video conference

Author: Baiba Kaškina

Participants:

Pantelis Balaouras	GRnet
Harijs Bondars	University of Latvia
Erik Dobbelssteijn	SURFnet
Giorgio Giorgetti	University of Trieste
Beatrice Huber	SWITCH
Baiba Kaškina	TERENA
Stephen Kingham	AARNet
András Kovács	NIIF/HUNGARNET
Michal Krsek	CESNET
Robert Macek	CARNet
Dan Mønster	UNI-C
Mihály Mészáros	NIIF/HUNGARNET
Hans Pfeiffenberger	Alfred Wegener Institute
Antonio Pinizzotto	CNR-IIT
Jan Ruzicka	CESNET
Harri Salminen	CSC / Funet-TV
Kewin Stoeckigt	AARNet
Fabio Vena	SWITCH
Egon Verharen	SURFnet

1. Welcome and roll call

Egon welcomed the participants of the fifth TF-VVC meeting. He thanked Andras and NIIF/HUNGARNET for hosting this meeting.

Egon made a roll call to see who had joined the meeting.

2. Agenda bashing

Egon suggested adding to the existing agenda a report about the APAN meeting by Stephen Kingham from AARNet.

3. Status of the action items

Open action items were reviewed.

1.5 Egon and Baiba – to organise a workshop about the high-end-quality systems.

Done. The workshop will take place on 7 November 2005 in Utrecht, the Netherlands.

2.7 Ulrich - to send information about testing possibilities of H.239 and the test results.

Ongoing.

2.11 Baiba, Saverio - to discuss possibilities to write an annex for the IP telephony Cookbook with advanced topics.

Ongoing. It was suggested to discuss this issue in the next TF-VVC meeting.

2.13 Egon - to contact the GN2 JRA1 chairmen and to discuss possibilities to collaborate in the end-to-end measurements area.

Ongoing.

3.4 Egon – to send information about the developments with ViDe new home to the mailing list.

Ongoing. Egon was describing the current situation and possible new home institutions for ViDe, but no decision has been taken yet.

4.1 Robert– to investigate possibility to translate documentation relating scheduling system and MCU.

Ongoing. Robert informed the group that the translation has been done and the group will be able to see the results in couple of weeks.

4.2 Egon, Dan – to contact MUPBED project regarding the possible collaboration on end-to-end measurements.

On hold. Dan suggested proceeding with this action item only if GN2 JRA1 would not be interested to collaborate with TF-VVC. Otherwise he thought that the GN2 environment would be more appropriate for the TF-VVC aims.

4.3 Andras – to put on-line the survey about the existing IP telephony deployments.

Done. Andras said that he provided access for Saverio and Saverio has been working on setting up the survey.

4.4 Saverio – to ask for contributions to the IP telephony survey in the TF-VVC mailing list.

Ongoing.

4.5 Egon, Juan, Baiba – to discuss possibilities to test Isabel software at the TF-VVC meeting.

Done. The TF-VVC members have been invited to join the Isabel based conference and give a presentation about the TF-VVC task force. Erik will represent the task force and give the presentation. Other participants were welcome to join. After the video conference Erik would report back to the group about his experience and then the group would decide whether to try using Isabel for a TF-VVC meeting.

4. Report on the APAN meeting

Egon thanked Stephen and Kewin from AARNet for joining the meeting. Stephen explained that he was connected using RADvision MCU and Windows Messenger as a SIP client.

Stephen gave an overview about the 20th APAN meeting which took place in Taipei on 23-27 August 2005. He focused on ENUM related activities and presentations. There has been a ENUM trial in which a private ENUM tree was created. SIP wireless handsets from various vendors were sold during the meeting at discount prices. The next APAN meeting would talk about integrating Radius back-end and SIP (Eduroam and SIP.edu). Egon has given a presentation about the TF-VVC activities and the presentation was very well accepted. There was not a lot of interest about the H.323 protocol.

ACTION 5.1. – Stephen – to send information about the ENUM related issues from the APAN meeting to the TF-VVC mailing list.

An ENUM BoF was organised during the APAN meeting. Kewin gave an update about the BoF. There were 4 presentations – from AARNet about the Australian ENUM Trial and AARNet as a Tier 2 Registrar, from Taiwan about their ENUM Trial, from Austria about the

privacy issues, and from SWITCH about the validation. The BoF was very interesting and well attended.

More information about the ENUM BoF:

<http://www.apan.net/meetings/taipei2005/wg-comm/enumbof.html>

Egon summarised that similar activities regarding the ENUM trials were going on in Europe, APAN region and North America. It would be great to join the private ENUM tree and to have interoperability around the world. This will be discussed with the VoIP activity leaders.

5. Discussion of Activity areas and Work items

Only few selected activity areas were discussed during this meeting. Those activity areas were chosen where the opinion of the group was needed or the way forward should be agreed.

F: Global Dialing Scheme

Egon reminded the group about the situation with supporting ViDe. The new home of ViDe was not known yet. The other world gatekeepers were located in AARNet, Ireland and the UK. This entire infrastructure has allowed connecting H.323 clouds. Similar system could be created for SIP but it has not been done yet.

Stephen spoke about the Australian initiative. He proposed to mirror the gatekeeper hierarchy with a SIP proxy in each participating country. The country code could be “hard wired” therefore no top level server would be needed. The countries’ SIP proxy would then point to the universities’ and institution’s SIP proxies. The number of the SIP proxies should be kept low in the trial. Another approach could be to use private ENUM tree. Internet2 working group has proposed to use one private ENUM tree, but more private trees, like the one set up in APAN, are possible. The SIP proxies would look up numbers in all private trees it knows, so that could be a hybrid solution.

Egon asked the participants if anyone was running a ENUM Trial or setting up an ENUM server or SIP proxy deployments.

Jan told about the situation in CESNET. They had an ENUM Trial, several numbers were public, a private ENUM tree together with Slovakia, and a SIP proxy that enabled calls’ routing.

Jan and Erik spoke about the need for trusted hierarchy in order to cope with VoIP SPAM. They mentioned two solutions for that – trusted hierarchy like for GDS or to implement ENUM in DNS Sec. He asked if others have heard about different solutions. Stephen agreed that establishing the trusted hierarchy, where only trusted SIP proxies could call in, would be very important. Another idea would be to sign the SIP headers with a PGP key. Stephen emphasized that it should be invented immediately otherwise it would be too late.

It was agreed to start call routing based on country codes with those countries interested in the project. Egon asked people interested to participate to contact Erik, Jan and Stephen.

H: High-end/quality systems

The High-end/quality workshop will be held on 7 November in Utrecht, the Netherlands, hosted by SURFNet. Egon wanted to know participants’ expectations from the workshop, whether they would be more interested to learn or to share their experience.

Harri said that he would be interested to learn about setting up high definition systems. Hans suggested thinking also about high quality service providing. Michal offered to share their experience about HD production, usage in commodity environment, HD over IP as well as about profiles for Windows Media and Real. He would like to learn how to stream HD as a source, how to edit HD in several systems. Andras suggested having people from different companies telling about their future visions in the area. He would be interested in making DVD quality video conferences.

Egon promised to consider these suggestions and include them in the agenda of the workshop. He would also try to invite presenters from different companies.

The logistics of the workshop and TF-VVC meeting was discussed. Both events will be hosted by SURFnet in Utrecht, where high speed network access and all needed equipment would be available. The information about the venue and hotels will be provided to the group shortly.

ACTION 5.2. – Baiba, Egon – to send out the logistical information for the HQ workshop and TF-VVC meeting.

D: Metadata

Harri reminded the group about the meta-data survey and asked whether anybody had any comments to the survey. He also wanted to agree on the schedule for the distribution of the survey.

Egon suggested that all the participants of the task force would forward information about this survey to relevant people and mailing lists in their countries. The public relation task force TF-PR also could be involved in distribution of the survey.

It was agreed that Harri would send the link of the survey again to the mailing list. Until 6 September 2005 people would have the opportunity to test the survey and suggest changes. The survey would be open for 1 month – until 7 October 2005. Harri would prepare a report about the results of the survey for the next TF-VVC meeting. The complete answers would be accessible for the task force participants on request. Harri noted that they could be interesting for other activity areas, i.e. C: Content Access Portal.

ACTION 5.3. – Harri – to report about the meta data survey results at the next TF-VVC meeting.

K: IP telephony deployments

Saverio was not participating in the meeting therefore discussions on this activity area were postponed until the next meeting.

6. Announcements and news from the participants

Egon explained the group that this slot was made as an opportunity for everybody to share their latest achievements, things they were doing or problems facing.

Robert told the group that CARNet has been implementing Windows Messenger as a messaging, audio and video tool for their organisation. They were using Windows 2003 server. This was a joint project with Microsoft Croatia. He hoped to be able to present later their experiences and conclusions. Egon added that SURFnet are also setting up a service based on Windows Messenger. The Windows Messenger and other proprietary solution interoperability problems were discussed.

Hans told the group about their work on Quality of Service experiments. He emphasized that they were focusing on very tiny packet loss which could result in significant quality loss; therefore not all the standard IP monitoring tools could be used. Harri and Egon expressed interest in this subject. Hans promised to share the experiment results.

Resulting action items

2.7 Ulrich - to send information about testing possibilities of H.239 and the test results.

2.11 Baiba, Saverio - to discuss possibilities to write an annex for the IP telephony Cookbook with advanced topics.

2.13 Egon - to contact the GN2 JRA1 chairmen and to discuss possibilities to collaborate in the end-to-end measurements area.

3.4 Egon – to send information about the developments with ViDe new home to the mailing list.

4.1 Robert–to translate documentation relating scheduling system and MCU.

4.2 Egon, Dan – to contact MUPBED project regarding the possible collaboration on end-to-end measurements. *[On hold, depending on the action item 2.13.]*

4.4 Saverio – to ask for contributions to the IP telephony survey in the TF-VVC mailing list.

5.1. Stephen – to send information about the ENUM related issues from the APAN meeting to the TF-VVC mailing list.

5.2. Baiba, Egon – to send out the logistical information for the HQ workshop and TF-VVC meeting.

5.3. Harri – to report about the meta data survey results at the next TF-VVC meeting.

7. Date and time of the next meeting

The next TF-VVC meeting will be face-to-face meeting held on 8 November 2005 in Utrecht, the Netherlands, after the High-end/quality workshop. It will start around 10:00 CET and end around 15:00 CET. Participants will be able to join via H.323 video conference.

8. Any other business

Michal reminded the group about his email regarding full meta data search engine. The search engine was operational and was working on indexing several top level domain webpages. Michal explained how to demonstrate the engine and how it could be used. Michal would send another email to the TF-VVC mailing list about the meta data search engine. All the questions regarding it should be sent to Michal.

Egon shared his experience with Nortel systems implementation and problems connecting different SIP deployments. He promised to update the group about their progress.