

Minutes of the 1. TF-TEN meeting, Amsterdam March 28, 1996

Attendees:

Guenther Schmittner	University of Linz/ACOnet
Hans Mayer	GMD, DE
Olav Kvittem	UNINETT, NO
Zlatica Cekro	ULB, BE
Ramin Najmabadi Kia	ULB, BE
Michael Behringer	DANTE, UK
Victor Reijs	SUFRnet
Olivier Martin	CERN
Karel Vietch	TERENA, NL
Tiziana Ferrari	INFN, ITALY
Celestino Tomas	Resiris
Thomas Brunner	SWITCH, Switzerland
Ariel Sobelman	TERENA, NL
Christoph Graph	SWITCH, Switzerland

1. Welcome and Apologies

Apologies were received from Peter Feil and Mauro Campanella (Tiziana Ferrari attended on his behalf).

2. Electing chair person

OK proposed MB as TF leader. Unanimously voted, MB agrees to accept the position. The Task Force wishes him success. MB takes over chairing the meeting.

3. Report on TEN-34 MB

MB reports the technical work is proceeding and TEN-34 is making progress. The national networks have a clear understanding of the needs, but still unclear if these needs will be met. MB stresses the importance of input from TF-ten members. Also, in order to not mix topic up, TF-TEN people will work on the ATM testing primarily. There isn't serious overlap between the TF-TEN members and TEN-34 (with the exception of TB and OM).

Still not everyone has signed the contract with the commission, although the general feeling is everyone will sign, as in theory

everyone has already agreed to sign. MB states that TEN-34 has met all its deadlines (December 4th, 1995 mainly), but the Commission decided to postpone. The goal (and the money from the commission is meant for this) is a European backbone.

Milestone 1 is May 31st. Deliverables submission deadline is coming up soon. Date disputed on grounds of start-date unclear.

4. Ideas for experiments

Discussions on a variety of experiment ideas lead to the following directions and ideas. MB felt we should put an emphasis on performance measurements of different ATM services, keeping in mind the goal of finding out how a production network would perform. Such experiments would give us the details and knowledge on how to set-up such a production network. MB also proposes a video conferencing idea for work between meetings. While in theory everyone agrees in theory, there are doubts about how long it would take to set-up the conference overtime. It is agreed to discuss the idea more, and if possible to have it done without more than a one-time concentrated effort, we shall promote the idea.

The discussions yielded several ideas for experiment proposals. These ideas are as follows, and are associated with a task at the bottom of these Minutes. It is agreed that the people listed in the Actions will send in more detailed descriptions of the proposed work, as well as background information, which will then be discussed at the next meeting:

1. CV Tolerance Tests
2. evaluate IP over VBR performance (phase a) VBR over a CBR service, phase b) using a public VBR service).
3. ATM ARP testing
4. experiments concerning Network Management (including F4/F5, ILMI, SNMP)
5. native ATM performance testing
6. Advanced Application Testing
7. Testing SVC Tunneling
8. Test TCP performance over high speed and long distance.
9. NHRP experiments
10. Addressing Issues

Resources

It is agreed that AS will send a form letter to the mailing list for

everyone to respond to, and get a clear idea regarding the resources available to us for conducting the experiments. We need to know about ATM switches, routers, work stations, estimates of how much person-power effort could be put into the work (in hours per week)

AOB and next meeting

MB suggests we meet in the near future, probably at the beginning of May, to further discuss the proposed experiments. possible meeting places: OK can host a meeting in Trondheim. TF can host a meeting in Bologna or Rome.

Actions

1.1 Action (Ariel): AS will compose an information request form for available resources (within a week).

1.2 Action (Michael): MB contact the representatives who did not show up at meeting and find out who will be involved.

1.3 Action (Victor): VR write the description of the CV Tolerance Tests experiment and to find out if this issue is being dealt with in PNNI..

1.4 Action (Olivier): OM to specify experiments to evaluate IP over VBR performance (phase a) VBR over a CBR service, phase b) using a public VBR service).

1.5 Action (Ramin): Ramin will write up the details ATM ARP testing.

1.6 Action Zlatica: to specify the experiments concerning Network Management (including F4/F5, ILMI, SNMP)

1.7 Action (Olav): OLAV will write about NHRP

1.8 Action (Tiziana): Will write up the description and definitions native ATM performance testing.

1.9 Action (Victor): VR will give us more information regarding Advanced Application Testing as to what has to be tested and information he is able to collect about it.

1.10 Action (Christoph): To specify experiments on testing SVC Tunnelling.

1.11 Action (Tiziana): Specify experiments to test TCP performance over high speed and long distance.

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