

**Minutes of TERENA Technical Committee Meeting  
Friday 1 April 2005  
TERENA Office, Amsterdam**

John DYER  
Updated DRAFT 17 May 2005

**Present**

Claudio Allocchio, VP Technical Programme & TTC Chairman  
Roberto Barbera (by video link)  
John Dyer (TTC Secretary)  
Brian Gilmore  
Christoph Graf  
Victor Reijs  
Martin Sutter  
Ton Verschuren  
Karel Vietsch  
Steve Williams

**TERENA Staff**

Valentino Cavalli  
Licia Florio  
Kevin Meynell

**Apologies**

Baiba Kaskina

**1. Minutes of the Previous Meeting**

The updated draft minutes of the previous meeting were approved without change.

**2. Review of Open Actions from Previous Meetings**

Licia explained the status of the server certificate pop-up free proposal. There have been some informal discussions with potential contractors. In principle the objectives of the initiative look viable and action is underway to progress the project through a formal contractual process. A letter requesting NRENs intent to commit funds to the project has been drafted and will be issued in the near future giving the NRENs one week in which to respond. Once sufficient financial commitment has been received by TERENA, a tender for the service will be issued.

It was agreed that in order to get the best possible technical solution and price, the tender panel would be of the order of 5 companies. It was also noted that due to the expect value of any resultant contract, the limit for full public tender will not be exceeded and it will not be necessary to advertise in the European Official Journal.

Action: 20050401-01: Licia, Get the commitment by NRENs by end of April 2005

Action: 20050401-02: Licia, Issue tender request

### **3. Report on the TEC meetings of 12 Dec 2004 and 4 March 2005 (Claudio Allocchio)**

Claudio reported on a number of discussions and decisions of the TEC including:

- Evaluation of the use of video conference at the TEC and GA meetings which is to be adopted for members that cannot attend in person;
- Changes in TERENA staff committed to work on the EGEE project;
- Results of the TERENA/DANTE collaboration study;
- The executive committee for the GN2 project is in place but the technical committee is not yet;
- That TERENA could have associate member status of EURID and hence be present at meetings. As an associate, TERENA would not have a vote, but would avoid the legal liability that will vest in EURID. It was noted that the EU domain has been added to the ISO list of country codes and the sunrise period for registration has started.
- TERENA is to be a partner in four recent accepted European Commission project: NOAH, SEEFIRE, 6DISS and new proposals such as SEEREN2.
- The TEC agreed that TERENA will join the Liberty Alliance as an associate member. Licia is progressing the application. It is expected that Licia Florio and Diego Lopez will be the active representatives of TERENA.
- The recent NREN-Schools workshop was a success with attendees requesting follow up activities in TERENA. An email distribution list and web pages have been put in place. Baiba Kaskina will take primary responsibility for this area in the TERENA team. There will be an informal meeting on the topic at TNC2005 and possibly another one day workshop during the autumn.
- It was reported that as of 1 March 2005, Brian Carpenter is the new IETF chair and the organisation is in the process of setting up a permanent secretariat.

### **4. Reports on TERENA Task Forces**

#### **a) TF-NRN (Valentino Cavalli)**

At the January 2005 meeting of TF-NGN, the leaders of the activities detailed in the new task force terms of reference and presented their plans. There was some discussion about whether or not commercial companies could be represented in the task force. In the past, they have been attending and indeed some have been TERENA for a considerable time. Valentino reported that he will be standing down as the primary TF-NGN contact in TERENA in order to concentrate on some new projects. He will be replaced by Kevin Meynell who has previously served in this role.

#### **b) TF-CSIRT (John Dyer on behalf of Baiba)**

TF-CSIRT held a meeting 27-28 January 2005, London, UK that was attended by around 80 people. The next meeting will be held in Zurich in May 2005, hosted by SWITCH.

It was noted that Andrew Cormack of UKERNA has been nominated for the permanent stakeholders group of the European Network Information Security Agency (ENISA).

The open source software "Request Tracker Incident Response" (RTIR) being developed by Best Practice is to get extra features that have been requested by

members of the European academic community through a working group within TF-CSIRT. The working group will develop the specification which will be implemented by Best Practice and funded through a scheme to be administered by TERENA who will collect earmarked funds from the NRENs and make a contract with the company.

### **c) TF-MOBILITY (Licia Florio)**

Licia reported the James Sankar has left UKERNA to work in Australia and can no longer co-chair the task force. His successor will be David Simonsen from UNI•C who will co-chair along with Klaas Wierenga of SURFnet.

Martin Sutter reported that SWITCH will be starting a trial using landing page boxes with integrated VPN. SURFnet are taking a different approach undertaking a trial with a commercial service provider providing free access to hotspots for SURFnet users.

Licia reported that institutes in Japan and the Internet2 community wish to join Eduroam however the Internet2 community want to use Shibboleth to provide authentication. At the moment Eduroam does not use Shibboleth as default, although there are some exceptions, like the University of Helsinki, as presented in Turin during EuroCAMP. Discussion is ongoing to combine Shibboleth and Eduroam.

Following the Internet2 spring meeting (beginning of May) there will be an Eduroam international meeting to discuss technical details about the integration of Shibboleth and Eduroam which members of TF-MOBILITY will attend. Due to the fact that more countries are joining Eduroam, the policy becomes more important. The main issue related to the policy is where and how enforcement should take place.

The Eduroam initiative was developed out of the grass-roots and has taken a pragmatic and hence light approach to policy issues and has not focussed on high level trust building between federations, which could be the way forward. To date there are no solutions ready to define co-operation of federations. Christoph suggested that the trust building between federations needs to be sorted out at a high level in a more structural way and kept separate from the development of practical technical solutions such as Eduroam. It was suggested that a suitable vehicle for the development of such a structural solution would be in a body like the "Cotswold Group", although it was noted that it had only intended to be a one-off meeting. The Cotswold group was a meeting of European NRENs that were working on middleware issues brought together under the auspices of the UK JISC. The JISC will appoint some staff resource to work on the issues of putting in place an AAI and will work with other European NRENs to that end.

The TTC agreed that the best policy for the continuing success of Eduroam is to remain with a lite-policy as TERENA has never committed to provide a solution to the structural trust network. It was agreed that TF-MOBILITY should not be setting policy.

It was also suggested that through its practical experience TERENA could contribute to the development of such a framework in any "Cotswold group" like body. It was suggested by the TTC that although GN2-JRA5 does not have an official commitment to solve the policy problem, this would be an extremely useful piece of work for them to undertake. It was agreed that since the JRA is a research activity, the development of the policy would not imply that they would

also be required to put in place a production service – that is not the role of a research activity.

There was some discussion on the responsibilities of the GN2-JRA5 activity and the activities of TF-MOBILITY. It seems that there is some confusion in some quarters. Ton Verschuren agreed to write a one page document clearly defining the role of TF-MOBILITY and it was further agreed that this would become the “official statement” for queries about the differences between GN2-JRA5 and TF-MOBILITY.

Action 20050401-03: Ton Verschuren - Write one page explanation of JRA5/TF-MOBILITY relationship.

#### **d) TF-EMC2 – Licia**

Licia reported that the SChema Harmonisation Committee was set up in February 2005 with the aim of carrying out some work in the area of attributes coordination in the field of higher education. To date eduPerson represents the only successful attempt in this area, but it tailored to American needs. There is much interest in the TERENA community to work in this area.

Licia also reported that she had met with David Groep of NIKHEF about compiling a document aimed at NRENs on setting up CAs in order to make them Grid compatible. Unfortunately David does not have sufficient time to work on this in the near future so Licia has agreed to write a document for the TTC on how such a document could be produced.

ACTION 20050401-04: Licia – Produce a proposal for guidelines for NRENs setting up CAs, so as to make the Grid compatible.

The TACAR initiative is still running well, although it involves mainly policy issues so it is quite difficult.

TERENA will continue to collaborate with EUGridPMA. It was agreed that EUGridPMA would benefit from being recognised in the context of the eIRG white paper.

Brian Gilmore is strongly of the opinion that TERENA should be engaged in activities that bring the existing AAI components together in a European context.

### **5. Proposal for a Study into Group Collaboration Solutions (Steve Williams)**

In discussions, it was pointed out by Brian that the study must address the needs of the TERENA community as a whole. Ton suggested that the study focus on TERENA providing a virtual conferencing services, mapped over existing resources. He went as far as to suggest that TERENA should operate a top level MCU. Steve Williams remarked that the service have sufficient resource to support every request on demand and should not rely on a booking system to allocate scarce resource. When the system gets near full capacity more resource should be installed to satisfy increased demand. Integrated data handling is an essential component of any such system and Martin Sutter said it must be included.

There was support from the TTC for the study, funded from TERENA resources provided the above caveats are addressed. Final approval will be achieved through email discussions on the TTC distribution list.

Action 20050401-05: Baiba to ensure that a revised proposal is delivered to TERENA within two weeks of the TTC meeting.

## **6. End-to-End Portfolio (Martin Sutter)**

Martin presented the document that he produced as a result of the sub-group meeting. It was well received by the TTC that suggested that a list of concrete activities should be added. The TTC also suggested that Martin produce a glossary of terms to reduce the likelihood of misunderstandings when discussing E2E issues. Martin agreed to incorporate the changes; look at how E2E is handled in the Internet2 community and issue a revised document. Martin agreed to present the revised document at the 2005 TAC meeting on Poznan on 6 June.

ACTION 20050401-06: Martin Sutter to revise E2E document and present at TAC 2005

## **7. EURO CAMP (Licia Florio)**

The first European CAMP took place in Torino, Italy, 2-4 March 2005 and was attended by around 150 delegate and speakers. The three day event was very successful and the community have requested that TERENA organise further events. The TTC agreed that TERENA should follow the US formula of organising introductory level events such as that held in Torino and more advanced events for those with more experience. It was agreed that Licia will investigate the availability of speakers and suitable location for a second introductory CAMP in October 2005 and the first advanced level event in Spring 2006.

ACTION 20050401-07: Licia - investigate the availability of speakers and suitable location for a second introductory CAMP in October 2005 and the first advanced event in spring 2006.

Karel agreed to plan in the support of TERENA conference support staff assist in running these events.

## **8. MACE (Ton Verschuren)**

The Europeans now have three active MACE members and the Australians are becoming more active. As a consequence Ken Klingenstein and Bob Morgan have been thinking about creating a vehicle for more International collaboration. They are also considering having a separate group of managerial level people to discuss policy/managerial issues. Ton reported that Ken is going to circulate a list of possible members to the MACE group.

## **9. Internet2/CANARIE/DANTE/GEANT Collaboration (Claudio Allocchio)**

Claudio reported that there has been a series of four closed collaboration meetings between Internet2/CANARIE/DANTE/GEANT. These meetings were called by DANTE as a means to undertake international collaboration of Lower Layer issues. Slides from some of the meetings are available on line. At the last

meeting the group was joined by the Activity leaders of the GN2-JRAs. The next meeting of the group will take place in Vancouver during July 2005.

The TTC agreed that it was important to understand the nature and contents of these meetings as they appear to have an impact on the work of the GN2-JRAs. If that is so, they could also have an impact on the work of the TERENA Task Forces.

Claudio agreed to contact Roberto Sabatino of DANTE how they will handle future meetings of the collaboration group, in particular if TERENA can formally get feedback.

ACTION 20050401-08: Claudio - contact Roberto Sabatino of DANTE how they will handle future meetings of the collaboration group, in particular if TERENA can formally get feedback.

## **10. Technical Advisory Council 2005 (John Dyer & Claudio Allocchio)**

The TTC agreed that since it was unnecessary to review the Special Interest Areas during 2005, this having been undertaken in 2004, it would be useful to focus on a small number of hot topics so as to encourage discussion from the floor. The three topics chosen for the 2005 TAC are:

- The End-to-End Portfolio of TERENA
- TERENA involvement in EUGridPMA
- Building Trust in Europe

Martin Sutter of SWITCH agreed to give the presentation of "The End-to-End Portfolio of TERENA". Christoph Graf agreed to give a presentation on "TERENA involvement in EUGridPMA". Members of the TTC suggested that John Dyer contact Diego Lopez and ask him if is willing and able to give a presentation on "Building Trust in Europe".

Action 20050401-09: John Dyer - contact Diego Lopez and ask him if is willing and able to give a presentation on "Building Trust in Europe"

## **11. Running and completed external projects**

There was a brief review of the running external projects: GN2, 6NET, SCAMPI, EGEE, TRANSITS, LOBSTER and MOME in which the TTC members were brought up-to-date with the latest status.

## **12. New External Projects**

### **a) NOAH (Kevin Meynell)**

The NOAH project officially started on 1 April 2005. The first NOAH project meeting is scheduled to take place on 4 April 2005 in the TERENA Office, Amsterdam. The project has one workshop planned for 2006 either at TNC2006 or alongside a TF-CSIRT meeting. The first task of the project will be to undertake a survey of user requirements.

**b) 6DISS (Kevin Meynell)**

Although the contract for 6DISS had not been signed at the time of the TTC, the official start date of this project is 1 April 2005. The project partners plan a first meeting during April 2005.

**c) SEEFIRE (Valentino Cavalli)**

The SEEFIRE Project will study the feasibility of building a regional fibre infrastructure in South East Europe. The project started on 1 March 2005 with 11 partners including TERENA and DANTE. It is expected that before the end of the project in February 2006, two workshops will be held: one with a large teaching component and the other focusing on policy issues. TERENA is the project co-ordinator and will also be responsible for organising the workshops as well as for delivering a white paper at the end of the project.

**d) SEEREN2 (Valentino Cavalli)**

The SEEREN2 proposal has been submitted to the European Commission, but at the time of writing there is no news to report.

**13. Date of Next Meeting**

The next TTC meeting will take place on Tuesday 5<sup>th</sup> July at the TERENA office in Amsterdam.

**14. AOB**

The TTC expressed its sincere thanks to Christoph Graf who has completed his term of office with the TTC and is no longer eligible for re-appointment.

Some TTC members requested clarification of the role of the committee with respect to TERENA's involvement in IST projects. Karel explained that due to the often very short time scales within which TERENA is asked to make a decision, it was not always possible to request TTC input. Karel went on to say that the secretariat is very open to comment and input from both the TEC and the TTC and indeed the TEC have asked to review every potential candidate proposal. Karel agreed that if the TTC would like to review new project proposals prior to TERENA's formal involvement he would happily inform TTC members of all projects in which TERENA may potentially be involved.

Action 20050401-10: Karel to inform TTC members details of projects in which TERENA may potentially be involved.

**Summary of New and Open Actions  
As at 1 April 2005**

Reference		Action	Status
20041220-01	SW	Draft proposal for work to explore European Video Conference coordination	DONE
20041220-02	CG	Email TTC and TAC encouraging NRENs to get involved in EU Grid PMA.	Overtaken on TAC Agenda
20041220-03		Martin Sutter, Victor Reijs, John Dyer and Claudio Allocchio would hold a video conference call at 10:30 (CET) on Tuesday 25 January 2005	DONE
20041220-04	LF	Email GA and TAC regarding browser certificate proposal	Delayed – on TTC agenda
20041220-05	LF	Continue to develop browser proposal investigating the open tendering issues	Ongoing – on TTC agenda
20041220-06	JD	Ask if honeypot questions can be included in compendium questionnaire.	DONE – Not included
20041220-07	JD	Ask the PR group to work on small poster template	DONE
20050401-01	LF	Obtain NREN commitments to funding server certificate pop-up free proposal by end April 2005	NEW
20050401-02	LF	Issue external invitation to tender for server certificate pop-up free proposal.	NEW
20050401-03	TV	Write one page explanation of JRA5/TF-MOBILITY relationship	NEW
20050401-04	LF	Produce a proposal for guidelines for NRENs setting up CAs, so as to make the Grid compatible	NEW
20050401-05	BK	To ensure that a revised proposal from Egon is delivered to TERENA within two weeks of the TTC meeting.	NEW
20050401-06	MS	revise E2E document and present at TAC 2005	NEW
20050401-07	LF	investigate the availability of speakers and suitable location for a second introductory CAMP in October 2005 and the first advanced level event in Spring 2006	NEW
20050401-08	CA	Contact Roberto Sabatino of DANTE how they will handle future meetings of the collaboration group, in particular if TERENA can formally get feedback.	NEW
20050401-09	JD	Contact Diego Lopez and ask him if is willing and able to give a presentation on "Building Trust in Europe".	NEW
20050401-10	KV	to inform TTC members details of projects in which TERENA may potentially be involved	NEW