TSec(04)121

Minutes of the 13th TF-CSIRT meeting
Malta, 24 September 2004

[Please note that a seminar was held the previous day. Presentations from the seminar and the meeting can be found at http://www.terena.nl/tech/task-forces/tf-csirt/meeting13/programme.html]

1. Welcome and apologies

Gorazd Božič welcomed the participants. The list of those present and the list of people who sent their apologies are below at the end of these minutes.

2. Approval of the Minutes and Status of Actions from the last meeting

The minutes from the last meeting held on 28 May 2004 were approved.

Action items:

11-05 Jacques Schuurman – to send the information related to CHIHT from SURFnet's repository.
Ongoing.

11-06 Marco Thorbrügge – to produce a new survey about the tools for CHIHT and present latest developments of CHIHT in the next TF-CSIRT meeting.
Ongoing; see agenda item 9.

11-07 Christoph Graf – to circulate GN2 JRA2 related relevant documents to the TF-CSIRT mailing list.
Done.

12-01 Damir Rajnovic – to investigate the possibility to organise a workshop about product vulnerabilities.
Ongoing.

12-02 Wilfried Wöber – to investigate the possibility to announce the TRANSITS courses in the mailing lists of RIPE-NCC.
Done. There was a link from the RIPE calendar to the TRANSITS courses.

ACTION 13-01: Wilfried Wöber – to announce the TRANSITS training courses in the RIPE mailing lists.

12-03 Karel Vietsch – to create a short slide show for marketing the TRANSITS courses outside the NREN community.
Ongoing. Karel Vietsch promised to create a slide show before the next TF-CSIRT meeting.

12-04 Cristoph Graf – to prepare the draft document about the advisory board and to lead the discussion about it in the next TF-CSIRT meeting.
Done.

12-05 Karel Vietsch – to organise the meeting with the EC officials in September 2004.
Done; see agenda item 7.2.

12-06 Karel Vietsch – to initiate a discussion in the mailing list about possible new EC project proposals and to discuss them in the next TF-CSIRT meeting in Malta.
Done.

12-07 Marco Thorbrügge – to ask people in the mailing list to send him information about the teams' work flows.
Ongoing. Marco Thorbrügge has done this, but he would remind again later.

12-08 Wilfried Wöber and Jan Meijer – to investigate which certificates are possible to use for the IRT objects and how to extend this list.
Ongoing.

12-09 Ian Bryant – to send an invitation to the TF-CSIRT list to participate in the activities of the VEDEF WG.
Done.

3. Update on FIRST

Don Stikvoort reported about the latest activities in FIRST. The FIRST conference was held in June 2004, in Budapest. It was attended by 309 people and was in the usual format, i.e. two days of tutorials and two days of presentations. The feedback from the conference was very positive. The next FIRST conference will be held in Singapore, in June 2005.

The FIRST membership in June 2004 was 160 full members and 10 liaisons. The membership committee has adopted the TI rules and they were approved by the Annual General Meeting (AGM) 2004.

After the FIRST conference there was a training course held with the support of people from the TF-CSIRT group. This was a similar training course to TRANSITS, but with the goal to train trainers who, under the auspices of FIRST, will be delivering training courses in Latin America and Asia-Pacific using the TRANSITS materials.

Don Stikvoort mentioned the launch of the new website. The website was a joint project with specialists from Brazil, Japan, Germany, UK, Denmark and other countries. The next development would be the upgrade of the mailing services. Also he noted the idea to shift more duties from volunteers to professionals within FIRST. Then volunteers would be able to focus on new issues.

4. Update on Abuse Forum Meeting

Don Stikvoort gave an update on the Abuse forum activities. The forum was founded to discuss pragmatic abuse handling issues. Don Stikvoort spoke about the working groups of the forum and their goals. The forum organises 2 meetings per year. The next meeting would be held in Amsterdam on 4 November 2004, hosted by KPN Telecom. The invitations would be sent out soon. The following meeting would take place in May 2005 adjacent to the TF-CSIRT meeting.

Kauto Huopio asked whether the forum was restricted to ISPs only. Don Stikvoort replied that the forum focused on ISPs, but anyone interested in abuse problems could join it.

5. Trusted Introducer - Report from the meeting of accredited CSIRTs

Jacques Schuurman gave a short report about the meeting of accredited CSIRTs. Wilfried Wöber has been elected as a new member of the TI Review Board; he replaced Jimmy Arvidsson, whose term ended.

During the last meeting of the accredited CSIRTs the TI service provider proposed to extend the services. Voting took place electronically during July 2004 and the proposal was accepted.

6. Update on the EC funded projects

6.1. TRANSITS

Karel Vietsch spoke about the TRANSITS project. There would be only two more training courses, in November 2004 and May or June 2005. The next one would be held near Prague in 11-12 November 2004. CESNET would support the organisation of this training course. The programme for this course has been extended with an extra evening session and the speakers have confirmed their participation.

The deadline for the applications was 1 October 2004 and so far only 2 applications have been received. Karel Vietsch was concerned that many people might postpone their participation to the last TRANSITS course and that it could be overbooked.

Karel Vietsch encouraged all the participants to inform their teams and look for other teams who might be interested to participate in this training course.

6.2. Relation to GN2, discussion on GN2/JRA2 advisory panel

Cristoph Graf spoke about GN2 relationship with TF-CSIRT. He gave an overview of the GN2 project including the project partners, data, structure, timelines, budget, and manpower. The project started on 1 September 2004. The kick-off meeting for the JRA2 participants would be held after this TF-CSIRT meeting.

Regarding WI2 (Building of security services) and WI3 (Designing and establishing an infrastructure for co-ordinated security incident handling) Christoph Graf thought that they might look interesting for others to participate, but they would need to discuss them within JRA2 first.

WI4 was the relationship with TF-CSIRT. The motivation for this relationship would be that the broader view of TF-CSIRT could be useful for GN2/JRA2. The work item would imply creation of communication channels between the staff of NRENs working on JRA2 and TF-CSIRT, JRA2 progress report presentation to TF-CSIRT, forming ad-hoc groups of TF-CSIRT experts for specific advice to JRA2, side-by-side or joint JRA2/TF-CSIRT meetings.

Christoph Graf explained in detail the expected way of collaboration. He proposed that all NREN staff members working on JRA2 would join the TF-CSIRT mailing list. Separate JRA2 mailing lists should be used for non-disclosure issues and to avoid overload of the TF-CSIRT list. For the ad-hoc groups JRA2 would look for volunteers, but there would be no obligation for TF-CSIRT to find them. Christoph Graf thought that side-by-side meetings of TF-CSIRT and of the NREN staff working on JRA2 should be organised in the future as well. There should be a standard entry in the TF-CSIRT meeting agenda, i.e. GN2 JRA2 progress report. Christoph Graf gave an example of possible collaboration between ad-hoc groups of TF-CSIRT experts and JRA2.

WI5 was the establishment of the advisory panel. Cristoph Graf explained the tasks of the panel. It should comment on the work carried out by JRA2, overview trends and evolution of the network security and incident handling, devise recommendations for work in the subsequent years of JRA2. The advisory panel would be recruited from TF-CSIRT and would consist of about 10 people. The JRA2 leader and the TF-CSIRT chair would select and invite the members. The membership should cover GN2 experts, security researchers, incident response individuals from R&E, industry and government. The panel meetings should be adjacent to the TF-CSIRT meetings. Christoph Graf mentioned the expectations towards the members of the panel and asked for volunteers from the group. Anyone willing to contribute should contact him or Gorazd Božič.

7. Update on contacts with European Commission (including ENISA)

7.1. Brainstorming BoF about the project proposals for new EC-funded projects

The BoF was held on 23 September 2004, after the TF-CSIRT seminar sessions. Karel Vietsch explained the reasons to have this BoF. There have been three TF-CSIRT related EC-funded projects, but two of them have ended, i.e. EISPP, eCSIRT.net, and one, i.e. TRANSITS, will end next year. In previous meetings between the deputations of TF-CSIRT and EC officials, TF-CSIRT has been encouraged to submit new security project proposals.

Last week the deputation of TF-CSIRT went to Brussels again and discussed these issues with the EC officials. They were preparing the 7th Framework programme which would be in force from 2007 and it would imply B€ actions in the field of security. Regarding the FP6, the 4th call would have deadline in March 2005. Security would be one of the priority areas, but the EC officials mentioned that they would be looking for research projects only. There would be some possibilities to submit proposals for the 6th call in early 2006.

Karel Vietsch summarised that opportunities to submit project proposals to the EC in the near future seemed to have significant restrictions. In spite of that he proposed to brainstorm about the question which activities the CSIRTs would like to undertake that would benefit from EU funding. He reminded the group about the possible topics list which was sent to the TF-CSIRT mailing list (see the presentation). This list was discussed.

Regarding the idea of certification Andrew Cormack said it has been done by AusCERT (based on assessment of skills) and CERT/CC (based on course attendance and exams). Urpo Kaila thought that certification was more American and there would not be much support for that in Europe. In his opinion the organisation could benefit more by recruiting a security specialist who would build a security policy for their organisation rather than investing in the awareness raising campaign. Karel Vietsch gave some figures on how much the SURFnet's awareness raising campaign costs.

Miroslaw Maj introduced the project proposal CLOSER (Cluster Of SEcurity Resources) which would organise security related conferences and workshops, promote personnel exchange for less experiences security teams, carry out a survey of existing CSIRTs situation in Europe with a special focus on the "less-advanced" regions. He told the group about the partners of the project, budget, duration, etc. This project proposal was submitted to the EC in mid-September 2004. He promised to inform the group about the future of this project proposal.

Kauto Huopio proposed to create a European scale "dark net" monitoring (i.e. monitoring of the unused IP address space) system. Andy Bone supported his idea, but he thought it would be extremely difficult to achieve this goal. Wilfried Wöber also agreed that it would be a good idea, but he thought that it would be just fighting with consequences. Instead preventive actions should be taken, i.e. educating people, proper filtering on the edges of all networks, etc. He thought it would be important to find out why these preventive measures have been neglected in so many cases.

Kauto Huopio asked about the possibility to draft a follow-up project for the eCSRT.net. Gorazd Božič explained that most of the eCSIRT.net achievements have been transferred to TI services.

Karel Vietsch asked whether anything could be improved for the vulnerability information distribution mechanism. Gorazd Božič reminded that the VEDEF WG has been working on the exchange format. He suggested thinking about a set of tools "CERT starter pack" which would include RTIR, whois service tool, clearing house, etc. This "starter pack" should be open source.

Wilfried Wöber supported the idea to have some continuation of TRANSITS courses, as well as the CERT starter tools, revision of the legal and operational framework and legal risks. He also thought that the preparation of a project proposal would be so time consuming that only those projects which would be implemented anyway should be written for the EC calls.

David Parker asked about the possibility to update the Legal handbook and Karel Vietsch told the group that the EC have published a call for tender to upgrade the Legal Handbook, extend it to all EU member states and make it available on-line. Andrew Cormack added that the Legal Handbook would be maintained by ENISA.

After the brainstorming BoF it was agreed to summarise the ideas and then discuss the next steps.

7.2. Report on the visit to the European Commission

Karel Vietsch reported about the visit of the TF-CSIRT deputation to the European Commission which took place on 17 September 2004 in Brussels, Belgium. He mentioned the meeting participants and the agenda. He emphasized the problem of the EC officials' rotation and difficulties to keep them informed about the TF-CSIRT activities. Also he felt that both deputations were focusing on topics of their interest and these topics were not the same. TF-CSIRT focused on their activities, but the EC - on preparations for the 7th Framework Programme. Calls for project proposals also were discussed, see agenda item 7.1.

During the visit TF-CSIRT presented their activities including TI, IODEF, inch, security contact in the RIPE database, CHIHT, TRANSITS, RTIR, VEDEF, etc.

EC informed the group about the Legal Handbook update. See agenda item 7.1.

7.3. ENISA – Progress report

During the visit of the TF-CSIRT deputation to the EC ENISA was discussed as well. Karel Vietsch showed the ENISA website and gave a summary about the organisation. It would be based in Heraklion, Crete, Greece. The management board of ENISA consisted of 31 members; more information about them could be obtained from the webpage. Three members of the management board were familiar to the CSIRT and academic community. The ENISA executive director has been appointed, he is Andrea Pirotti from Italy.

A stakeholders group of 30-35 members would be formed, members could include people from telecom operators, Internet service providers, governmental users, network security and other groups. There would be a call for expression of interest to be a member of this group in mid-October 2004.

There would be 3 studies in preparation for ENISA; Karel Vietsch gave some details about them (see the presentation).

Gorazd Božič as a member of the ENISA management board representing Slovenia could give more detailed information about ENISA. Two meetings of the management board have been held. During the first meeting in July 2004 a short list of candidates for the position of executive director was presented and the language issues were discussed. Gorazd Božič explained the process of electing the executive director. During the second meeting the chair and the deputy chair of the management board were elected as well. The chair was from Finland and the deputy chair was from Hungary. Rules of Procedure and rules for the Stakeholders group also were discussed during the second meeting.

The structure of ENISA was presented. Gorazd Božič explained about the responsibilities of each party and the ways in which they should collaborate. He also told the group about the executive director and his first tasks. He would draft rules and procedures for working groups (WG), including the procedures on how proposals on WG were collected and how WG would be formed and would operate.

Regarding the future plans Gorazd Božič mentioned many upcoming meetings. There would be a meeting in Rome, in mid-October 2004, organised by the Italian government. The topic of this meeting would be the relationship between ENISA and CSIRTs. The meeting would be closed, but Gorazd Božič would represent TF-CSIRT and was willing to take any suggestions.

At the end of October 2004 there would be the e-Security 2004 event, organised by the Dutch Ministry of Economic Affairs. It would cover various topics and some people from CSIRTs would participate.

The 3rd and 4th ENISA management board meetings would be held in November and December 2004. The ENISA executive director would present his work plan, rules and procedures for the ENISA working groups should be adopted and the stakeholders group should be formed. It has been decided to hold meetings of the management board alternately in Crete and in Brussels.

Regarding his role Gorazd Božič emphasized that he would represent TF-CSIRT as well. He would try to speak with Mr. Pirotti in Rome and to inform him about the TF-CSIRT activities. Someone from the TF-CSIRT community should become a member of the Stakeholder group of ENISA, the EC has already supported this idea. TF-CSIRT also should think about possible areas for the ENISA Working Groups (WG). Gorazd Božič asked to send him proposals for WG by mid-October 2004 so that he could present them in the Rome meeting.

There was a lot of discussion about the possible candidates to represent TF-CSIRT and best strategies to become a member of the Stakeholder group.

Urpo Kaila asked whether only stakeholders could collaborate with ENISA. Gorazd Božič replied that other alternative would be to approach the government in particular country or directly the country's representative in the ENISA Management Board.

Gilles Andre asked when the deadline for the expression of interest would be. Andrew Cormack said that the call was not published yet and the deadline should be at least 6 weeks after the publication.

David Parker suggested that somebody from the group of European government CERTs could represent TF-CSIRT. Andy Bone disagreed with him. Karel Vietsch thought that it would be important to know the scope of ENISA. If ENISA would focus only on advising governments, then David Parker's proposal would make sense. He asked Gorazd Božič to clarify this issue. Gorazd Božič said that ENISA would target not only governments, but other institutions, SMEs, general public. ENISA would not have the regulatory function. Andrew Cormack clarified that ENISA would support awareness rising but would not do that itself because of the lack of resources.

Gorazd Božič said that the call for expression of interest would be published soon. He promised to collect relevant documents about the stakeholders group and send them to the TF-CSIRT mailing list.

ACTION 13-02: Gorazd Božič – to send documents about ENISA stakeholders group to the TF-CSIRT mailing list.

Gorazd Božič would lead a discussion on the mailing list on how to nominate and elect somebody to represent TF-CSIRT on the ENISA Stakeholders group. That should be decided before December 2004; therefore the group could not wait the next TF-CSIRT meeting in London.

ACTION 13-03: Gorazd Božič – to lead the discussion on how to nominate and elect somebody to represent TF-CSIRT on the ENISA Stakeholders group.

8. Memorandum of Understanding with APCERT

Jacques Schuurman spoke about the Memorandum of Understanding (MoU) between TF-CSIRT and APCERT. APCERT is an Asia-Pacific regional group and the idea to collaborate arose one year ago in the TF-CSIRT meeting in Amsterdam. The purposes of the MoU would be mutual recognition as regional expertise bodies, provision of an established channel of information exchange, establishment of a framework for joint project undertakings, direct operational contact points, etc.

Jacques Schuurman pointed out some considerations as well, i.e. cultural and political differences, both organisations were organised in a very different way, they would like to retain full independence. In spite of that there were common interests as well, i.e. common activities, scarce expertise to be shared, testbeds for projects with a global scope. Therefore the MoU has been written. It would focus on information exchange, liaisons, monitoring and if possible visiting each other's work meetings, including each other in relevant projects. Both parties could terminate the MoU at any time without explanations. Jacques Schuurman promised to send the latest version of the MoU to the TF-CSIRT mailing list.

ACTION 13-04: Jacques Schuurman – to send the latest version of the MoU with APCERT to the TF-CSIRT mailing list.

Jacques Schuurman proposed to have a round of comments and devise the final version of the MoU from the TF-CSIRT side. Then it could be send to APCERT for comments and approval. When both parties would have agreed to the text of the MoU then it could be signed at an appropriate event.

It was asked who could sign the MoU. Jacques Schuurman replied that it could be done by any regular member of TF-CSIRT who would be present at the signing event. It was proposed that Gorazd Božič as the chair of the task force and Baiba Kaškina as the secretary should sign the MoU.

Gorazd Božič added that after signing a liaison person should be chosen. He hoped that the MoU would be signed before the next FIRST conference in June 2006. The liaison could be chosen in the next TF-CSIRT meeting in London.

9. Improvements to CHIHT

Marco Thorbrügge gave an update of the CHIHT improvements. Adding more information to the clearing house, particularly completing the information for the existing tools, was ongoing.

The next phases of the re-organisation should be the creation of a new questionnaire, including working on the existing survey to gather new tools, and adding workflow descriptions. The draft questionnaire has been designed and Marco Thorbrügge asked the group to review it and to send him their feedback. Afterwards he would update the questionnaire and start the survey in mid-October.

ACTION 13-05: Marco Thorbrügge – to send a reminder to the TF-CSIRT mailing list to review the questionnaire.

Marco Thorbrügge showed workflow graphics and reminded the group of his idea to have clickable workflow graphics guiding the user to the correct tools. So far only one team has sent the information about their workflow and another one promised to send it. It was decided to remind the teams again to send information about their workflows and to summarise the results in January 2005. If there would not be enough response Marco Thorbrügge would stop the development of this CHIHT part.

10. Update on IRT object issues and WG

Wilfried Wöber reported about the recent developments regarding the IRT object and working group (WG). The RIPE meeting has been held in parallel with the TF-CSIRT meeting therefore he could not give any details about it. He focused on minor changes that have happened during the summer.

RIPE NCC was working on integration of the documents. Reference to PGP key object has become optional, Wilfried Wöber explained the reasons behind that. Anti-Spam WG requested to add *abuse-c*: field to the *irt*: object; the discussions were still ongoing whether it should be mandatory. Some general proposals to return less email addresses on default query have been discussed as well.

Wilfried Wöber said that in near future he would work on verifying functionality with reference to X.509 object. When that would be verified technically people could start discussion whether to implement it or not. That would concert the TI framework as well.

11. Update on Vulnerability and Exploit Description and Exchange Format (VEDEF) WG

Dave Freeman spoke about the latest activities of the VEDEF WG. Since the last TF-CSIRT meeting the VEDEF activities have been discussed in a BoF during the FIRST conference in Budapest and in the interim INCH meeting in Budapest June 2004. These both meetings were broadly supportive. In contrast, IETF-60 in San Diego, USA in August 2004 was less supportive. Dave Freeman also said that the INCH WG would not be extended to cover the VEDEF activities therefore the alternative way ahead could be to collaborate with CERT/CC and JPCERT/CC.

He also focused on the problem of the incompatibility of different formats, each suitable for a specific audience. VEDEF would aim to devise a single standard, a superset. Various subsets would be needed to support user communities of interest, e.g. vulnerability management, vendors, technical dissemination, plain-language dissemination. Dave Freeman presented proposed flows for these subsets and explained their characteristics. VEDEF would consist of a common core of XML data for all uses with additions to support needs of each particular subset.

Dave Freeman said that TF-CSIRT and JPCERT/CC would continue to develop VEDEF, but more support would be needed, particularly from W3C and vendors. They would produce series of IETF RFCs as "individual contributions" and consider a BoF session at IETFs to improve the visibility of the activity. The main activities would be carried on via mailing list as before with TF-CSIRT support.

12. GGF12 Security Workshop

Andrew Cormack reported about the Global Grid Forum (GGF) 12 Security workshop which took place on 20 September 2004 in Brussels, Belgium. He spoke about Grids in general emphasizing that it implies large computers, CPU farms, datasets and traffic flows as well as expensive equipment and certificate based sign on. The private keys were often stored in NFS/AFS file system.

Regarding Grids and security, Andrew Cormack spoke about the new threats including experimental software, complex and firewall-unfriendly protocols and implications with the notion of trust. In addition he mentioned different incident characteristics, i.e. identity theft (e.g. key compromise) should

be considered as an important incident while 1GB traffic flow on ephemeral ports could be normal. He gave multiple examples of Grid incidents.

Grid users should cooperate with CSIRTs, because they use the same network, and they need trusted international contacts. Also they had to face differences between European and American experience. In the US there were very few CERTs and Grid people did not rely on them. It could be beneficial to convince them that European CSIRTs could be very helpful in the incident response. One solution to improve the situation would be to create Grid CERTs. Andrew Cormack emphasized that he was the only one from the CSIRT community attending the GGF12 Security workshop and that could indicate that both parties were unaware of each other. He gave an example where a CSIRT was watching a Grid incident but did not react because of unawareness of the situation.

He encouraged people to get involved in this problem and to contact Grid partners in their countries. He also hoped that there would be a speaker from the Grid community in the next TF-CSIRT seminar. That would give more insight in the current situation and problems.

Gilles Andre asked whether only the NRENs were represented in the Security workshop. Andrew Cormack replied that the meeting in Brussels was very commercial with a lot of information about commercial tools and techniques. The commercial world was well represented there, governments had fewer representatives.

Andrew Cormack also emphasized different viewpoints of Grid people and system administrators. They used to consider each other as enemies. Grid people, for example, thought that their only problem was firewalls. Wilfried Wöber added that he would be afraid about Grid people's activities with a tendency to by-pass firewalls and to install high bandwidth dedicated paths which could be turned into backdoors. The group shared his concerns.

ACTION 13-06: Gorazd Božič, Baiba Kaškina – to invite somebody from the Grid community to make a presentation in the next TF-CSIRT seminar in London.

13. Update on RTIR working group

Andy Bone gave an overview on the RTIR tool and the working group activities. The RTIR was the only open source incident handling tool. There has been a new release on 21 September 2004 and JANET CERT would implement it in the following days.

Andy Bone gave details about the status of implementation for each participating team and actions from the previous RTIR meeting. See the presentation for more information. He pointed out that the requirements document should be finished by the end of November 2004.

The next RTIR meeting would be organised before the TF-CSIRT meeting in London. In a between meetings via video conference could be held as well.

Gorazd Božič asked whether RTIR usage of advisories would be compatible with other formats. Andy Bone replied that at the beginning it would not be standardized, but there would be a possibility for each team to standardize this instance, probably taking into account VEDEF or EISPP.

14. Results of the seminar sessions, ideas for the future sessions

Gorazd Božič asked the group to provide ideas for the future seminar sessions and reminded them to fill in the evaluation forms. He proposed to invite somebody from the GRID community and Mr. Pirotti from ENISA as well.

Gilles Andre and Kauto Huopio suggested having a session about incident trends and anonymized case studies. Andy Bone said that they have already planned to have a case study session which would be given by Tom Mullen, BT. He said that JANET-CERT also planned to invite somebody from the organisation WatchDOG.

Miroslaw Maj proposed to have some information about child pornography issues, for example to invite somebody from InHOPE or legal organisations. Wilfried Wöber warned the group to be careful with getting involved in the child pornography issues.

David Parked suggested having somebody from the national High-tech Crime unit in the UK and also offered to prepare a follow up to the presentation on WARPs which was given in Syros.

Gorazd Božič summarised the ideas:

- GRID community and security issues
- Mr.Pirotti - ENISA
- Trends, highlights on CSIRT activities
- Case studies
- National High-tech Crime unit
- InHOPE, WatchDOG
- Presentation on WARPs follow-up

15. Status of the Terms of Reference and other TF-CSIRT work items/deliverables

Baiba Kaškina informed the group that the Terms of Reference have been approved by the TERENA Technical Committee on 15 September 2004 without any changes.

16. Date of the next meetings

The next meeting will be held on 27-28 January 2004 in London, UK (hosted by JANET-CERT). Andy Bone invited the group to London and told about the preliminary plans regarding the meeting venue and social event.

The following TF-CSIRT meeting will be hosted by SWITCH-CERT in Zürich, Switzerland on 12-13 May 2005. Subsequent meetings were provisionally arranged for September 2005 in Lisbon, Portugal (hosted by CERT.PT) and January 2006 in Poznan, Poland (hosted by POL34-CERT).

17. Closing Address and Any Other Business

The Closing Address was given by Mr. David Spiteri Gingell, the CEO of MITTS Ltd. He spoke about the role of security in every community and thanked to the participants for coming to Malta.

Gorazd Božič and the group expressed their thanks to mtCERT and MITTS for organising a very nice meeting.

List of meeting participants

	Name	*Organisation*	*Country*
1.	Claudio Allocchio	GARR-CERT	Italy
2.	Preben Andersen	DK-CERT	Denmark
3.	Gilles André	CERTA	France
4.	Jani Arnell	CERT-FI	Finland
5.	Raymons Azzolaks	mtCERT	Malta
6.	Wim Biemolt	SURFnet-CERT	The Netherlands
7.	Andy Bone	JANET-CERT	United Kingdom
8.	Gorazd Božič (Chair)	SI-CERT	Slovenia
9.	Stefan Briffa	mtCERT	Malta
10.	Martin Camilleri	mtCERT	Malta
11.	Albert Caruana	CIMU INFOSEC	Malta
12.	Roberto Cecchini	GARR-CERT	Italy
13.	Herman Ciappara	Central Bank of Malta	Malta
14.	Andrew Cormack	UKERNA	United Kingdom
15.	Antonello Cuschieri	Ministry of IT & Investment	Malta
16.	Michelle Danho	RENATER CERT	France
17.	Michel Dupuy	CERTA	France
18.	Per Arne Enstad	UNINETT CERT	Norway

19.	Lionel Ferette	BELNET	Belgium
20.	David Freeman	NISCC WIPT	United Kingdom
21.	Carlos Fuentes Bermejo	JANET-CERT	United Kingdom
22.	Mikhail Ganev	RU-CERT	Russia
23.	Natasa Glavor	CARNet	Croatia
24.	Christoph Graf	SWITCH-CERT	Switzerland
25.	Peter Haag	SWITCH-CERT	Switzerland
26.	Rasmus Hansen	DANTE	United Kingdom
27.	Mike Harris	Royal Mail	United Kingdom
28.	Kauto Huopio	FICORA / CERT-FI	Finland
29.	Richard Jones	BT SBS	United Kingdom
30.	Pavel Kacha	CESNET z.s.p.o.	Czech Republic
31.	Urpo Kaila	Funet CERT	Finland
32.	Dimitrios Kalogeras	GRNET	Greece
33.	Baiba Kaškina (Secretary)	TERENA	-
34.	Ulrich Kiermayr	ACOnet-IRT	Austria
35.	Adrian King	SI-CERT	Slovenia
36.	Mark Koek	GOVCERT.NL	The Netherlands
37.	Andrea Kropacova	CESNET z.s.p.o.	Czech Republic
38.	Ladislav Lhotka	CESNET	Czech Republic
39.	Sergey Linde	RU-CERT	Russia
40.	Miroslaw Maj	CERT Polska	Poland
41.	Chelo Malagón	IRIS-CERT, RedIRIS	Spain
42.	Keith Mallia	mtCERT	Malta
43.	Mario Mallia-Milanes	CIMU	Malta
44.	Mally Mclane	JANET-CERT	United Kingdom
45.	Jan Meijer	SURFnet / CERT-NL	The Netherlands
46.	Tom Mullen	BTCERTCC	United Kingdom
47.	Gustavo Neves	FCCN (CERT.PT)	Portugal
48.	Tomasz Nowocien	POL34-CERT	Poland
49.	David Parker	UNIRAS/NISCC	United Kingdom
50.	Suresh Ramasuppu	TeliaSonera-CERT	Sweden
51.	Mark Sammut	mtCERT	Malta
52.	Lino Santos	CERT.PT	Portugal
53.	Jacques Schuurman	SURFnet / CERT-NL	The Netherlands
54.	Sharon Sciberras	mtCERT	Malta
55.	Marica Smith	mtCERT	Malta
56.	Mario Spiteri	mtCERT	Malta
57.	Thomas Stridh	SUNet-CERT	Sweden
58.	Robert Sultana	University of Malta	Malta
59.	Marco Thorbrügge	DFN-CERT	Germany
60.	Maris Urkis	LITNET CERT	Lithuania
61.	Karel Vietsch	TERENA	-
62.	Peter Wallström	SITIC	Sweden
63.	Wilfried Wöber	ACOnet-IRT	Austria
64.	John Zahra	mtCERT	Malta

Apologies were received from:

Ian Bryant	NISCC R&D	United Kingdom
Jan Droemer	Philips	the Netherlands
Ralf Dörrie	Telekom-CERT	Germany
Carles Fragoso	CESCA-ERIAC	Spain
Jon Grew	BT-SBS	United Kingdom
Klaus-Peter Kossakowski	PRESECURE Consulting GmbH	Germany
Stelios Maistros	GRNET-CERT	Greece
Janos Mohacsi	NIIF/HUNGARNET	Hungary
Jürgen Sander	PRE-CERT	Germany
Torbjörn Wictorin	SUNet CERT	Sweden
Jörg Zemke	Philips	the Netherlands

RESULTING ACTION ITEMS

11-05	Jacques Schuurman	Send the information related to CHIHT from SURFnet's repository.
11-06	Marco Thorbrügge	Produce a new survey about the tools for CHIHT and present latest developments of CHIHT in the next TF-CSIRT meeting.
12-01	Damir Rajnovic	Investigate the possibility to organise a workshop about product vulnerabilities.
12-03	Karel Vietsch	Create a short slide show for marketing the TRANSITS courses outside the NREN community.
12-07	Marco Thorbrügge	Ask people in the mailing list to send him information about the teams' work flows.
12-08	Wilfried Wöber, Jan Meijer	Investigate which certificates are possible to use for the IRT objects and how to extend this list.
13-01	Wilfried Wöber	Announce the TRANSITS training courses on the RIPE mailing lists.
13-02	Gorazd Božič	Send documents about ENISA stakeholders group to the TF-CSIRT mailing list.
13-03	Gorazd Božič	Lead the discussion on how to nominate and elect somebody to represent TF-CSIRT on the ENISA Stakeholders group.
13-04	Jacques Schuurman	Send the latest version of the MoU with APCERT to the TF-CSIRT mailing list.
13-05	Marco Thorbrügge	Send a reminder to the TF-CSIRT mailing list to review the questionnaire.
13-06	Gorazd Božič, Baiba Kaškina	Invite somebody from the Grid community to make a presentation in the next TF-CSIRT seminar in London.