

« *networking the networkers* »



TERENA Technical Advisory Council  
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# TERENA Technical Advisory Council 2013



# The TAC

- › Who is here?
  - › Let's see
- › Why are we here?
  - › Because you were mandated by a TERENA member organisation
- › What are we doing here?
  - › Discuss, agree and disagree on (hopefully) interesting topics proposed by TTC and GA members
- › What next?
  - › Summary to the GA, maybe more feedback
  - › TERENA to consider all this in preparing the workplan and budget for 2014
  - › Report of what happened to our input: TAC 2014



# TERENA Technical Advisory Council Meeting 2013 - Agenda

- › 09:00 Follow up from previous TAC meeting
- › 09:30 Community building and communications: networking interest communities beyond task-forces
- › 10:30 Coffee Break
- › 11:00 Seamless Synchronous Communications: the potential impact of WebRTC on our video conferencing services
- › 11:45 MOOC (Massive Online Open Courses) platforms [Should NRENs play a role and engage in MOOCs?
- › 12:30 Varia, Closing and Lunch



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# Follow up from TAC 2012 (1/2)

- › Monday, 21 May 2012, 09:00 - 12:30
- › Háskólabíó - University Cinema, Hall 6, Reykjavík, Iceland
- › 09:00 Follow up from previous TAC meeting
- › 10:00 Coffee Break (30min)
- › 10:30 **Requirements of international e-science user groups: How should NRENs and TERENA respond to them?**
- › 11:30 Collaboration on security infrastructure in addition to TF-CSIRT: Is there a gap for TERENA to close?



# International e-science user groups: The TERENA response

- › The marketing team, in synergy with a corresponding task in GN3plus, will identify and interact with new groups including R&E networkers at institutions, important international user groups and e-Infrastructure projects.
- › The team will also explore new services that can be offered.
- › Use and consolidate the diverse information and intelligence sources at TERENA into a single MIS/CRM system.



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# Security @ TERENA (old slide)

- › TERENA runs the ultra-successful Task-Force TF-CSIRT for already over a decade
  - › CERT collaboration work in the academic world started even much earlier (approx. 20 years ago)
  - › Attendance at the 36th TF-CSIRT meeting two weeks ago was approaching 100 people!
  - › The “CERT model” gained interest in the commercial world
  - › Today, TERENA runs *the* network of incident response teams in Europe
- › That is a huge success and simply great!





# (some) Security Topics

- › Incident response
  - › aka „security“ in NREN speak ✓
- › Authentication/Authorisation
  - › Aka „security“ in Grid speak ✓
- › Security/Quality Certification
  - › Those 4-5 digit standards designed to build trust
- › Risk Management
  - › An obligation for most organisations
- › ISMS (Information Security Mgt System)
  - › The tool of the CSO
- › ... And many more we could think of!
- › ... Any ideas, which ones? Any CSOs in this room?



# NREN Chief Security Officers meeting, September 2012

- › Attended by 12 organisations
- › 4 NRENs with designated CSO
- › 3 organisations had to implement their crisis/disaster recovery plans in the past
  
- › Conclusions and Recommendations
  - › NRENS will eventually be required to implement Information Security Management Systems (ISMS)
  - › TF-MSP invited to look at ISO 27001 or components that might be applicable, use as a framework
  - › Concern expressed by group that only 12 organisations were at the meeting, how could this be improved?



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# Networking interest communities: Statements from the Reykjavik Group's report

- › “expansion of the community in all directions”
  - › In particular towards research communities as important users of our services
- › “NRENs to consider aggregating around domain specific competence centres at the international level”
  - › E.g. research domain specific
- › “consider creating special interest groups”
- › “bridging the digital divide among NRENs is one of the key functions of community collaboration”
  - › E.g. a way to learn from the more advanced NRENs



# Networking interest communities: current situation

- › Task-forces
  - › Misnomer
  - › Surrounded by rather heavy-weight processes
- › Projects
  - › closer to a task-force than our task-forces
- › Workshops (sometimes series of it)
  - › Substantial efforts to organise
- › Services (sometimes TF-spin-offs)



# Networking interest communities: weaknesses

- › Hard for newcomers to get up to speed on what TERENA stands for and has in for them
- › Cross-fertilisation between TFs hampered by non-aligned timetables
- › Identifying new areas of collaboration not well structured
- › Reaching out beyond NRENs towards users not at its best
- › TFs not the right vehicle for quite a few initiatives (Network architects, future of TF-NOC)



# Networking interest communities: How about this?

- › TF-meetings take place during one spring and one autumn week in one location
  - › Eases cross-fertilisation
  - › Lower effort to organise workshops during the same week
  - › Easier for newcomers to get an overview
  - › The right people around for incubating new ideas



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# Shibboleth Consortium

- Problem: Put maintenance, support and further development of Shibboleth on a sustainable basis
- Solution: Internet2, JISC and SWITCH founded Shibboleth Consortium to
  - To provide a structure, whereby the community can support the direction and development of the Shibboleth project through financial contributions
  - Charter signed in April 2013
- Next steps: Broadening membership base by
  - Presentation at refeds / TNC2013
  - @TNC: Contact S.Waggener (Internet2), K.Meynell (Janet), C.Witzig (SWITCH)
  - Federations will be contacted by Consortium in coming months





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- › 12:30 **Good bye and enjoy TNC2013**