

GCP Thematic area update
12 May 2022

SIG-NOC

Janos Mohacsi
Alexander van den Hil
Anna Wilson

The group is discussing the challenges of NOC operations. Time map activities of GEANT were presented, inventory management, WP 6 network automation academy. A lot of individual organisation “showcase” presentations.

Recommendation:

More focus on interlinking different organizations, what we can do more in collaboration and how to make processes more interoperable. Looking for interdependence. Potentially connecting user experiences with NOC specialists to address their challenges. E.g. EUMETSAT - align processes to make NREN services stronger

SIG-NGN

Janos Mohacsi
Alexander van den Hil
Anna Wilson

Two interesting topics:

- Network over 100G, operation, challenges, engineering the network
- Using fibre for different purpose than the usual packet transferring solution

Future topic:

- LEO satellites network
- 5G possibilities and opportunities
- Automation, Orchestration & Network Function Virtualization

Recommendation: encourage to find new way to serve the community via the network. Engage with more NRENs. LEOsat operators international group liaison (Alexander). 5G engagement with regulators (example of SURF and EU wireless from UMA)

SIG-CISS

Guido Aben
Claudio Pisa

Discussion about the remit of the SIG (open flow / OCRE).

Future topics:

- Orchestration, virtualisation in the active networks
- Roll out tools for data movement
- CS3MESH project is finishing June 2023 however follow up is already planned

Recommendations: Joint statement (policy layer)

Comment: EC call for central procurement - see if we can somehow steer the procurement process to involve us as a community directly. Keep a very OPEN eye on it!

SIG-ISM

David Groep

Past topics: The main theme is risk. Self assess and monitor. Good collaboration with the WISE community. Vulnerability handling (software, shared intelligence)

Future topics:

- Privacy recommendations for WISE

Recommendations: Translate the theoretical work into implementation (risk assessment, privacy, security). Also outreach work to be done.

Comment:

TF-CSIRT

David Groep

Past topics: TF-CSIRT reached the agreement in the legal form of moving into their own entity. Collaboration related to security incidents works very well.

Future topics:

Recommendations:

Comment:

SIG-Multimedia

Erik Kikkenborg

Past topics: VR / AR, video conferencing solutions, interactive videos

Future topics:

- Videoconferencing solutions comparison matrix

Recommendations: Focus on the scope of the SIG, more identification of collaborative efforts. Interoperability.

Comment:

SIG-MSP

Sabine Jaume

Paul Rouse

Last meeting was a joint meeting with SIG-Marcomms and the main topics was about trainings. Financing open source services discussion took place however no clarity about follow up.

Future topics: to suggest them: research workflow supporting tools (towards Open Science), and picking up from deliverables from the GEANT project and presentations from the SIGs / TFs to share with the broader NREN community.

Recommendations: Follow up on topics of discussion important strategically.

SIG-Marcomms

Sabine Jaume

Future topics:

- Reflect on topics of TNC
- Different tools (e.g. website)

Recommendations:

TF-EDU

Erik Kikkenborg

Past topics: Main discussion was about the strategic elements for the educational services offered by the NRENs (e.g. LMS, VC solutions, student administration systems...etc)

Future topics:

- LMS comparison
- eduID interoperability

Recommendations:

Comment:

TF-DLT

Victoriano Giralt

David Groep

Past topics: Self sovereign identity. It is also coming back in the T&I incubator.

Future topics:

- Linking with eHealth
- Authentication and identity
- DI4EU
- Microcredentialling for diplomas

Recommendations: Try to make a shortlist and focus on the implementation.

Comment:

TF-eHealth

Victoriano Giralt

Marialuisa Lavitrano

Past topics: Creation of a European space for data. Next meetings, training for security for ehealth and will be located in Malaga 5-6 July 2022 (possibility to move).

Future topics:

- Biobanking privacy and security and in general for data
- TNC22 June 17 16:00-17:30 session on ehealth and security connected with a launch for the European Health data space

Recommendations: Further promotions and engagement for NRENs and their health institutions / health educational institutions.

Comment:

TF-RED

Paul Rouse

Past topics:

Future topics:

- User engagement

Recommendations:

Comment:

Industry relations

Paul Rouse

Recommendations: Joint efforts with GEANT / NRENs to support industry relations. List of topics NRENs are talking with industry. Course / information dissemination for university CIOs to be aware of the GEANT community. Provide use cases to vendors (e.g. TCS, network hardware vendors, APMs)

Innovation Programme and Foresight studies

Paul Rouse

It is included in GN5 under the GPPC (Raimundas) we need to ensure that the community programme feeds into the foresight study.