

## General Information:

<b>SIG Name:</b>	<b>SIG-Multimedia</b>
<b>Brief Description:</b>	As the successor of the former TERENA task forces TF-Stream, TF-Netcast, TF-VVC, TF-VSS, TF-ECS, TF-Media and TF-WebRTC, the proposed GÉANT SIG-Multimedia builds on the key principle of open sharing of knowledge and information within the wider R&E community. It aims at gathering the relevant community experts, engaging with industry, promoting and facilitating collaboration, developments, demonstrations and added-value in Europe and beyond.
<b>Steering Committee</b>	Mihaly Meszaros, NIIF Rui Ribeiro, FCT Erik Kikkenborg, NORDUnet Bartlomiej Idzikowski, PSNC Carole Hounkonnou, RENATER
<b>Secretary:</b>	Peter Szegedi, GÉANT
<b>Topics / Keywords:</b>	RTC, Webconf, VoD, voice, WebRTC, recording, e-learning, multimedia, repositories, streaming, CDN, LoLa
<b>Supporting NRENs:</b>	NIIF, FCT, JISC, GARR, DeIC, UNINETT, DFN, CESNET, HEAnet, SUNET, PSNC, ARNES, CARNet, RENATER, IUCC, GRNET
<b>Support (Others):</b>	NORDUnet, CERN, i2CAT, Uni Bari, Uni Helsinki

## Aims:

1. *To provide a forum for gathering and exchanging experiences, ideas and knowledge on the development, deployment, testing and standardisation of innovative multimedia protocols, infrastructures, services and applications.*
2. *To engage with the subject matter experts of the wider R&E community as well as industry, primarily addressing the Video/Web Conference, Multimedia, Streaming, E-Learning and Distant Collaboration teams.*
3. *To facilitate interoperability at all costs among the current technology and service silos for the benefit of the European R&E community and beyond. Share knowledge and information about existing solutions and planned developments/integrations in order to avoid the duplication of efforts where possible.*
4. *To advise innovative applications for both the high-end users (4k, 8k, real-time, interactive, low latency, secure, encrypted) and the long-tail (educative, smart, easy-*

*to-use, connected, interoperable).*

5. *To promote and demonstrate cutting edge infrastructure/service/application pilots and proof-of-concepts that put GÉANT in the forefront of the global collaborations.*
6. *To facilitate the promotion and use of the GÉANT-NORDUnet Vconf Tender results and the GN4-2 JRA4 T4/5 WebRTC-related activities. Collect feedback and input for the potential next iterations of cloud vendor/service engagements.*
7. *To collaborate with international/global peers including but not limited to Intrenet2, RNP, RedCLARA, CAREN, APAN, AARNet, CERN, e-Infrastructures.*

#### **Key Performance Indicators:**

#	Planned Achievements	KPIs	Report Date
1	Organise two SIG meetings and potential BoFs at relevant conferences.	2 meetings, 1-2 BoFs	November 2017
2	Extend the community beyond the usual NREN participants towards universities, research labs and industry	4-5 university collaborators 2-3 regular industry/standardisation attendees	November 2017
3	Organise cutting-edge demonstrations at large international conferences.	4K WebRTC demo Federated STUN/TURN demo	November 2017

#### **Background Information:**

*The last TF-WebRTC meeting was held on 22-23 September 2016, co-located with the NORDUnet Conference in Helsinki, Finland. It featured 11 technical presentations and sparkling discussions, attended by 15 local and 13 remote participants.*

<https://wiki.geant.org/display/WRTC/TF-WebRTC+Task+Force+on+WebRTC>

*Attendees agreed that the community needs a collaboration forum under the umbrella of GÉANT to avoid parallel clustering of specific interest groups within the community where possible. Openness and inclusiveness should be the key attributes of the collaboration. Instead of focusing on specific technologies or services the scope should be broad enough to attract both video/web conferencing as well as multimedia/e-learning application/service experts. Synergy with the GÉANT project and other global initiatives is key. Extension to campuses and stronger university involvement are also essential. More leadership must be demonstrated by the community therefore the setting up of a Steering Committee following the SIG format would be desirable.*

## **Annex A: Standard Terms of Reference (DO NOT AMEND)**

### **1. Context and principles**

1.1 GÉANT Special Interest Groups (SIGs) are established under the auspices of GÉANT in order to create an open forum where experts from its community exchange information, knowledge, ideas and best practices about specific technical or other areas of business relevant to the research and education networking community.

### **2. Initiation**

2.1 A GÉANT SIG can be initiated by any member of the GÉANT community based on the following conditions and steps:

- at least 3 NRENs or other organisations support the creation of the SIG and are willing to actively participate;
- an initial Steering Committee (SC) of 3-5 individuals nominated by the supporting organisations is established by simple agreement of the requesting NRENs or other organisations;
- the SC informs GÉANT about the creation of the SIG by submitting the detailed Charter document;
- if GÉANT agrees, the new SIG has been created.

2.2. Once the SIG has been created, GÉANT will provide continuous support subject to yearly monitoring (also see 4.).

### **3. Operations, composition, and roles**

3.1 A SIG is to keep the strengths and interests of the community, to continue sharing and investigating within the spirit of openness and collaboration.

3.2 A SIG should act as a catalyst, organising virtual and face-to-face meetings, small workshops, training or BoFs co-located with other related group-meetings or relevant conferences.

3.3 Should the SIG produce any kind of results, these shall be made available in the public domain.

3.4 Participation in a GÉANT SIG is open to any clearly identified organisations or individuals, provided that the other SIG participants are sufficiently informed about their interest and intentions.

3.5 A SIG is collectively led by its SC (3-5 voluntary members) nominated by its participants and appointed by GÉANT for a two-year term of office that is interruptible and/or renewable.

3.6 The SC is responsible for the business of the SIG. The SC takes decisions primarily by consensus or by simple majority within the SC. If a decision cannot be made, GÉANT is responsible for the decision.

3.7 The SC is also responsible for producing brief annual reports to GÉANT about the progress of the SIG according to the pre-defined yearly plan and Key Performance Indicators.

### **4. Termination**

4.1 A SIG has no pre-defined mandate or expiration date, but its support, subject to yearly monitoring by GÉANT, can be terminated if one of the following situations occurs:

- the SC has fewer than 3 members for a 3-month period;
- the SC collectively requests the termination of the SIG;
- the yearly assessment results are unsatisfactory;
- any of the SIG participants, subject to detailed investigation by GÉANT, explicitly requests the termination of the SIG;
- GÉANT decides to terminate the SIG.

4.2 Appeals by any of the SIG participants can be submitted to GÉANT; these shall be resolved within 3 months.

4.3 After detailed investigations of the aforementioned situations and potential appeals, the decision of GÉANT about the SIG support is final.

## **5. Resources and support**

5.1 As long as the SIG is supported by GÉANT, GÉANT will provide the following services:

- mailing list(s) and public web archive(s) under the geant.org domain;
- maintenance of wiki page(s);
- website - on request and as decided to be appropriate by GÉANT;
- online survey tool - on request;
- social media, news, and annual report coverage – on request and as decided to be appropriate by GÉANT.

5.2 In the case of termination of GÉANT SIG support, the transition of services a), b), and c) to other providers is ensured by GÉANT.

5.3 Official minutes keeping, AV recording or other archiving is subject to discussion with the GÉANT employee assigned to support the SIG.

5.4 A SIG has no dedicated budget other than the expenses of GÉANT.

5.5 GÉANT may find internal or external funding sources (e.g., projects, commercial sponsors) to cover the expenses of SIG support, as appropriate.