

G4-1 SA8 T2

WebRTC exploration

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SA8T2 end report: WebRTC roadmap + background materials:

<https://wiki.geant.org/display/WRTC/GN4-1+WebRTC+Roadmap>

Official GN4-1 deliverable portal:

http://www.geant.org/Projects/GEANT_Project_GN4/Pages/Deliverables.aspx



Technology, not a turn key solution

Task objectives

A roadmap, executable, that helps us with

- Desktop video conferencing for all in EU R&E?
- Position NRENs to leverage WebRTC technology for R&E community
- Help establish NREN position in relevant Web-RTC arenas
- Imagine future WebRTC-based NREN services and infrastructural components that contribute to a smooth evolution of the real-time communications infrastructure.

- WebRTC technology exploration
- Tech scout areas
 - NAT/Firewall traversal (STUN/TURN)
 - 100% WebRTC desktop video conferencing (p2p and SFU)
 - Gatewaying
 - contextual communication!
 - WebRTC < - > Unified Communication
- Community building, dissemination
 - TF-WebRTC!

Concluded: strategic goals for R&E community



Adopt WebRTC now to bring easy to use and high-quality desktop videoconferencing functionality at a low cost to every European R&E user.

Facilitate the adoption of WebRTC for contextual communication.

Some contemplations

- WebRTC is mature enough to be used. Use it!
 - RTC
 - P2P conf services, all sorts of UIs, new stuff, link to other tech
- Contextual communication
 - !!!!!!
 - STUN/TURN, functionality decomposition & aggregation, ,capability building
- Two-fold impact on UC
 - + easier to use
 - de-unifying
- Physical rooms
- Follow the data channel!

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Thank you



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