

G4-1 SA8 T2

WebRTC exploration

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SA8T2 end report: WebRTC roadmap + background materials:

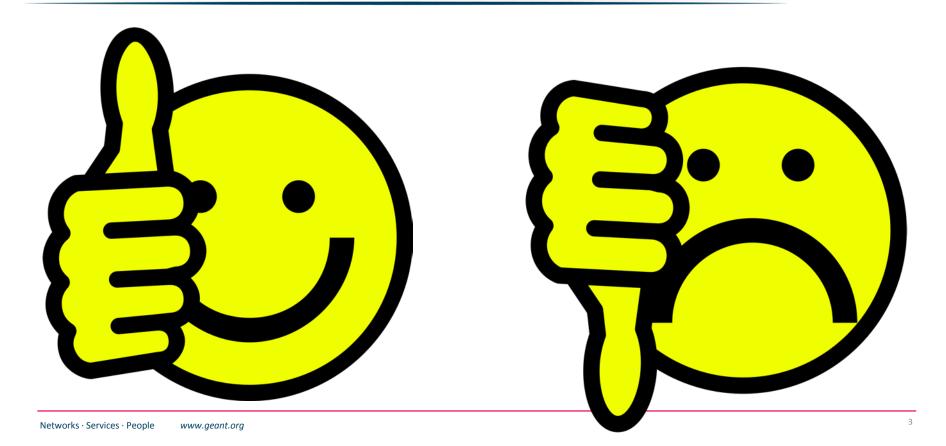
https://wiki.geant.org/display/WRTC/GN4-1+WebRTC+Roadmap

Official GN4-1 deliverable portal:

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

Background: WebRTC is coming







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.

Work done



- 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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