

Use cases and reqs

What has happened with the document since Quebec?

- Clarifications and Editorials
- Added use case "Simple video communication service, NAT/FW that blocks UDP"
 - New req F26 "The browser MUST be able to send streams to a peer in presence of NATs that block UDP traffic."
- Added use case "Distributed Music Band" and derived new req A17 ~select voice/audio signal
 - Based on decision in Quebec - probably a lot more is needed
- Added no eavesdropping+F17 to most use cases
- Added a list of use cases under discussion
- Removed all API requirements....and re-inserted them!

Use cases under discussion

1. Different browser states (open, wrong tab, closed)
2. TURN provider scenarios
3. E911
4. Local and remote recording
5. Emergency access for disabled
6. Clue use cases
7. Rohan red cross
8. Remote assistance
9. Security camera/baby monitor
10. Large multiparty session

Different browser states (open, wrong tab, closed)

W3C matter....

TURN provider scenarios

Typically the JS app code would provide a pointer to the TURN server(s) to use. However, TURN servers are also used like SOCKS proxies for enterprise firewall traversal. In this case, you need the browser to be configured with a TURN server that the enterprise provides. This gets added to the list of TURN servers that the JS provided and ICE selects one that works.

E911

- Paul Beaumont + Stephan Wenger
- <http://www.ietf.org/mail-archive/web/rtcweb/current/msg00525.html>
- Emergency call
- Emergency text
- Prioritize
- Mark calls
- Release Control

Remote and local recording

- John Elwell + lots of discussion
- e.g.
- Relation to SIPREC
- Proposed 4.2.xx: "transmitted and received audio, video or other real-time media are stored in one or more files"
- Proposed 4.2.yy: "web application records a real-time communication at a remote recording device, such that transmitted and received audio, video or other real-time media are transmitted in real-time to the remote device."...

Emergency access for disabled

- Bernard Aboba
- <http://www.ietf.org/mail-archive/web/rtcweb/current/msg00478.html>
- "An individual who is speech and/or hearing impaired and is fluent in ASL needs to make an emergency call."

Clue use cases

- Roni Even
- <http://tools.ietf.org/html/draft-ietf-clue-telepresence-use-cases-01>
- Point-to-point Symmetric and Assymmetric
- Multipoint
- Presentation
- Heterogenous systems
- Multipoint education
- Multipoint Multiview

Rohan red cross

- Cullen Jennings
- <http://www.ietf.org/mail-archive/web/rtcweb/current/msg00323.html>
- Disaster - no network
- Set up ad-hoc communication solution

Remote assistance

- Randell Jesup
- <http://www.ietf.org/mail-archive/web/rtcweb/current/msg00543.html>
- Help friend with computer problems
- View the friend's screen from remote

Security camera/baby monitor

- Randell Jesup
- <http://www.ietf.org/mail-archive/web/rtcweb/current/msg00543.html>
- Control remote camera
- Request sending of stream from remote
- Request sending of recently recorded stuff from remote
- Be able to start a 2-way communication

Large multiparty session

- Arno Bakker
- <http://www.ietf.org/mail-archive/web/rtcweb/current/msg00530.html>
- Calls for use of
 - Relay
 - Multicast
 - PPSP

due to resource limitations

- Similar to "Multiparty with central server"?