GÉANT
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Adoption Pilot
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WebRTC in a nutshell?

W3C & IETF standardization bodies
* Thomas Edison: 1879 Light bulb invention
Diagram illustrates the major components of the system used to deliver electricity to homes and businesses. From left to right: (1) generation sources (power plants) and (2) transmission lines, (3) the transmission-to-distribution substation (where voltage is lowered), (4) distribution feeder (which might serve some facilities directly), (5) power pole (showing underground service to hospital), (6) fuse (designated by "S"), (7) tap line (the type of line that runs along the streets of neighborhoods), (8) pole-top or pad-mount transformer (for reducing service voltage to individual households and businesses), and (9) service lines to individual homes.

• Standalone Media server: SFU
• Media server for Jitsi-Meet application
• Xmpp or REST control support
• Jingle for session management (XEP-0167)
• Colibri for MUC creation (XEP-0340)
• LastN support
• ICE (Interactive Connection Establishment RFC 5245)
• Simulcat
• Statistics
- WebRTC: Chrome/Firefox
- Temasys Plugin for IE/SAFARI
- Javascript application.
- GUM, JSEP, Peer Connection
- Xmpp through BOSH
- SDP,DTLS/SRTP,JINGLE,ICE
- API
- Server side Focus (COLIBRI)
- Signaling: Colibri, Jingle, SDP
- Load Balancing
- Load Sharing
- Authentication
- Statistics
110 days served!
Key take away! (1 / 2)

WebRTC

Video (Web) conferencing & Media API!
Key take away ! (2 / 2)

- 1x JITSI MEET
- 1x JITSI JICOFO
- 2x JITSI Video Bridge

8 core CPU

1 GE
JOIN THE PILOT!

2 ways to participate:
1 - Use the pilot infrastructure
2 - Take part to the pilot infrastructure
Use the pilot infrastructure

1 - Provide feedback
Through SA7-T3 mailing list
2 - Weekly VC
In order to sync with SA7-T3 team and adjust the pilot accordingly
3 - Fill the Adoption Pilot final report
Take part to the pilot infrastructure

0 - Deploy a set of Video Bridges
1 - Provide feedback
   Through SA7-T3 mailing list
2 - Weekly VC
   In order to sync with SA7-T3 team and adjust the pilot accordingly
3 - Fill the Adoption Pilot final report