P2P Research Group
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Agenda

13:00 Welcome and administrativia
                 volkerh@bell-labs.com
                 sprevidi@cisco.com

13:10 Content Peering (Bruce)
                 bdavie@cisco.com

13:40 draft-marocco-p2prg-mythbustering-01 (Enrico)
                 enrico.marocco@telecomitalia.it

13:45 draft-kamei-p2p-experiments-japan-01 (Kamei-san)
                 kamei.satoshi@lab.ntt.co.jp

14:00 open research items in peer to peer live streaming (Omer)
                 omer@rayv.co

14:30 Challenges from P2P streaming and PPSP (Yunfei)
                 zhangyunfei@chinamobile.com

14:50 Hot Topics in P2P RG & Wrap Up (Stefano & Volker)

RG Status

- **RFC 5765**
  - Was: draft-irtf-p2prg-rtc-security-05.txt
  - First RFC after P2PRG re-charter

RG Status

- **draft-irtf-p2prg-alto-survey-02**
  - Completed RG and IRSG review
  - IESG review after version 3 publication
- **draft-irtf-p2prg-mythbustering-01**
  - Published: P2PRG review started
- **draft-kamei-p2p-experiments-japan-01**
  - Presented at IETF 75
  - Is there interest in a "ALTO deployment experiences" document?
- **draft-kassinen-p2psip-group-taxonomy-00**
  - Follow up on presentation at IETF 75

RG Mailing List

- New mailing list policy:
  - **The list is NOT for Call for Papers!**

- The list IS for discussions of existing drafts and to propose new work items.

- Please contribute!

Next Steps - ALTO

- Current activity has been driven by ALTO-derived contributions
- Different components of ALTO architecture still requires work
  - ALTO servers challenges: topology computations, maps aggregation, automation, caching, incorporation of topology changes …
  - Operations modes (maps, costs) vs. scalability/performance/ efficiency
  - Discovery mechanisms
  - Share/distribution of ALTO information
  - Effectiveness of uplink BW consideration in ALTO maps/cost rating
  - Deployment considerations/experiences
  - …

- P2P Simulators/Emulators/Tools

Next Steps – Other WGs

- P2P SIP
  - Topology aware overlays
  - Service discovery
  - Security models for P2PSIP

- P2P Streaming (ppsp wg)
  - Survey of P2P Streaming protocols/techniques
  - Localization of P2P streaming/use of ALTO

- P2P caching (decade)

- Content Peering → Emerging set of requirements and research topics