IETF 124 HP-WAN SIDE MEETING

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IETF 124 @ Montreal

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NOTE WELL

This is a reminder of IETF policies in effect on various topics such as patents or code of conduct. It is only meant to point you in the

right direction. Exceptions may apply. The IETF's patent policy and the definition of an IETF "contribution" and "participation" are set

forth in BCP 79; please read it carefully.

As a reminder:

- By participating in the IETF, you agree to follow IETF processes and policies.

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- As a participant in or attendee to any IETF activity you acknowledge that written, audio, video, and photographic records of meetings may be made public.

- Personal information that you provide to IETF will be handled in accordance with the IETF Privacy Statement.

- As a participant or attendee, you agree to work respectfully with other participants; please contact the ombudsteam

(https://www.ietf.org/contact/ombudsteam/) if you have questions or concerns about this.

Definitive information is in the documents listed below and other IETF BCPs. For advice, please talk to WG chairs or ADs:

- BCP 9 (Internet Standards Process)

- BCP 25 (Working Group processes)

- BCP 25 (Anti-Harassment Procedures)

- BCP 54 (Code of Conduct)

- BCP 78 (Copyright)

- BCP 79 (Patents, Participation)

- https://www.ietf.org/privacy-policy/(Privacy Policy)

MOTIVATION

- Clarifying what could be done in IETF in terms of what have been discussed and updated.

- Established drafts update and new contributions.

- Next steps for HP-WAN.

AGENDA

- 1,Note well, welcome statements, introduction and agenda bash. 5mins
- 2,HP-WAN Hackathon Plan, Daniel King, 10mins
- 3,HP-WAN Documents Updates (State-Of-The-Art and Framework), Quan Xiong, 10mins
- 4,PolKA, Magnos Martinello,20mins
- 5,Open Issues Discussion, 20min

THANKS FOR YOUR TIME AND BEING WITH US

OPEN DISCUSSION

- Open issues list:
  - Is the host-network collaboration implemented via distributed signalling or centralized configuration?
    - signaling options?e.g. RSVP/ALTO/GRASP
      - RSVP
        - pros:it is applicable for hosts and network to perform rate negotiation and resource scheduling
        - cons:how to relieve the scalability problem? SR-TE?
      - ALTO:
        - pros: request/response protocol to allow a host to choose optimal paths
        - cons:it is reporting network information to the host, not communication between host and network
      - GRASP:
        - pros: simple communication from application layer
        - cons: peer-to-peer communication which can not cover the network nodes