**# The APN Side Meeting @IETF108**

Chairs: Zhenbin Li, Daniel King

12:30-14:00 UTC, Thursday, 2020-07-30

Webex: https://futurewei.my.webex.com/futurewei.my/j.php?MTID=me73e1526f286577bd58c9ad6016a4351

Etherpad URL: https://etherpad.wikimedia.org/p/v108-apn-side-meeting

**# Tentative Agenda**

1 Introduction & Agenda Bashing (5 mins)

2 Attempts in IETF History [Briam Trammell] (15 mins)

• What attempts (SPUD and PLUS BoFs)? What lessons learned?

3 Requirements on Application-awareness in Networks (20 mins, 5 mins each)

• Operators present their use cases to make clear that they have the Requirements on Application-awareness in their Networks

3.1 Service/Application aware [Daniel Bernier, Bell Canada] (5 mins)

3.2 CDN [Luis Murillo, Telefonica] (5 mins)

3.3 MEC [Peng Liu, China Mobile] (5mins)

3.4 Game Acceleration [Shuai Zhang, China Unicom] (5 mins)

4 APN Framework [Shuping Peng, Huawei] (5 mins)

• Introduce APN Framework, functional components, and requirements

5 Acquisition, Encapsulation and Conveying of Application-related Information (30 mins)

5.1 Network Tokens [Yiannis Yiakoumis, Selfie Networks] (10mins)

5.2 FAST [Tom Herbert, Intel] (10mins)

5.3 APN6 [Xing Li, Tsinghua University] (10mins)

6 Discussions & Clarifications [Shuping Peng, Huawei] – Collecting views from the IETF community (10 mins)

6.1 Whether it will bring privacy issue? If yes, how to overcome?

6.2 Whether it will bring security issue? If yes, how to overcome?

7 Conclusion – the way forward. (5 mins)

Links to the mailing list, draft charter if any, relevant Internet-Drafts, etc.

* Mailing List: - None assigned as yet
* Relevant drafts and relevant materials:
* Problem statement & Use cases:
  + ​<https://tools.ietf.org/html/draft-li-apn-problem-statement-usecases-00>
  + <https://tools.ietf.org/html/draft-liu-apn-edge-usecase-00>
  + <https://tools.ietf.org/html/draft-zhang-apn-acceleration-usecase-00>
* Framework
  + <https://tools.ietf.org/html/draft-li-apn-framework-00>
* Requirements on Application-awareness in Networks
  + <https://tools.ietf.org/html/draft-yiakoumis-network-tokens-01>
  + <https://tools.ietf.org/html/draft-herbert-fast-04>
  + <https://tools.ietf.org/html/draft-li-6man-app-aware-ipv6-network-00>
* APN Community including Information about the APN6 Side meeting @IETF105
  + <https://github.com/APN-Community>
  + <https://github.com/APN-Community/IETF105-Side-Meeting-APN6>