

Network Slicing Side Meeting

Stewart Bryant, Jie Dong

Background

- 5G aims to integrate various services, each of which has a set of unique requirements, into a single network
- Network Slicing is considered a key mechanism to meet the diverse requirements of 5G
- End-to-end slicing is required in 5G, which includes the slicing of several network segments
 - E.g. Equipment (UE), Radio Access Network (RAN), mobile Core network and the mobile transport network

Side Meeting Objectives

- Establish a common view on the definition of network slicing in IETF
- Review existing network slicing related drafts in IETF
- Identify the problem space of network slicing in IETF
 - What work is currently being undertaken on this problem
 - What (if any) new IETF work would be needed for a deployable network slicing solution
- Gauge interest in discussing/working on this topic

Administrative

- Sign-up sheet and/or send an email to jie.dong@huawei.com to be sent the notes and slides.
- Note takers
- Mailing list
 - TBA
- Slides
 - will be shared after the meeting

Agenda

1. Network slicing problem statement 15 mins

<https://tools.ietf.org/html/draft-dong-network-slicing-problem-statement-00>

Stewart Bryant

2. Autonomic slice networking 15 mins

<https://tools.ietf.org/html/draft-galis-anima-autonomic-slice-networking-00>

Alex Galis

3. Multicast and mobility service on demand with network slicing 15 mins

<https://tools.ietf.org/html/draft-xuan-dmm-multicast-mobility-slicing-00>

Truong-Xuan Do

4. ACTN and network slicing 15 mins

<https://tools.ietf.org/html/draft-ietf-teas-actn-framework-01>

Daniele Ceccarelli

5. Open Discussion 60 mins