Network Slicing Design Team

TEAS WG Virtual Interim, April 23rd, 2020

Network Slicing Design Team Session

Drafts: **draft-nsdt-teas-transport-slice-definition**, **draft-nsdt-teas-ns-framework**
Presenters: Jari Arkko, Kiran Makhijani, Eric Gray

Detailed agenda

Context and introduction (5min) - Jari Arkko
Definitions draft (10min) - Kiran Makhijani + team
Framework draft (10min) - Eric Gray + team
Discussion (25min) - all (discussion on the sk from the team, feedback from
the wg, next steps, relation to other work, missing
pieces, etc)

Design Team Setup

Task: Develop a framework for providing Network Slicing using IETF TE technologies. <u>Focus on the TEAS-relevant part of a very broad & diffuse topic</u> (incl. Marketing Words)

Mode of operation:

- Team preparing proposals for the WG
- <u>Everything out in the open</u>, calls, docs, list, …
- Draft authorship based on contributions, not membership

Contributors

- Aihua Guo
- Bo Wu
- Greg Mirsky
- Jeff Tantsura
- Jie Dong
- Kiran Makhijani
- Lou Berger
- Luis M. Contreras
- Rakesh Gandhi
- Ren Chen
- Sergio Belotti
- Shunsuke Homma
- Stewart Bryant
- Tomonobu Niwa
- Xuesong Geng
- Xufeng Liu
- Jari Arkko
- Eric Gray
- John Drake
- Reza Rokui
- Dhruv Dhody

  (+ maybe others)

Design Team Timeline & Status

IETF 106

    Plans

    Scope

    Early individual contributions

IETF 107

    Initial definitions & framework drafts from the design team

IETF 108

- Stable draft from the design team

Design Team Scope & Plan

"Back to basics" – explain how to use existing IETF transport technologies:

- Definitions of transport connections or slices
- Framework that describes the overall system
- Employ existing IETF TE & VPN tech for the necessary components and interfaces (some extensions and a northbound interface are needed)
- Provide some use cases (as examples)

The design team publishes documents on the above topics

Two documents here now – asking for adoption if the WG likes them ☺