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. **Focus on the TEAS-relevant part of a very broad & diffuse topic** (incl. Marketing Words)

**Mode of operation:**
- Team preparing proposals for the WG
- **Everything out in the open,** 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 😊