Service Function Chaining (SFC)

IETF 96
Berlin

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Note Well

• This summary is only meant to point you in the right direction, and doesn’t have all the nuances. The IETF’s IPR policy is set forth in BCP 79; please read it carefully.

• The brief summary:

  – By participating with the IETF, you agree to follow IETF processes.
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For further information, talk to a chair, ask an Area Director, or review the following:
BCP 9 (on the Internet Standards process)
BCP 25 (on the Working Group processes)
BCP 78 (on the IETF Trust)
BCP 79 (on Intellectual Property Rights in the IETF)
Agenda (Brief)

- Agenda Bashing
- SFC Security Update
- Overlay OAM Design Team
- SFC in-band OAM
- SFC Performance Measurement
- Hierarchical SFC
- Packet Generation in Service Function Chains
- Closing
Agenda (Detailed)

• Introduction (WG-chairs) - [5 minutes]
  – Agenda bashing, note-well, WG drafts status

• Security for SFC Update (WG-chairs) - [10 minutes]

• Overlay OAM Design Team (Presenter + open-mic) - [30 minutes]
  – Overlay OAM design team update/progression (OOAM DT) - [15 minutes]
  – Overlay OAM Q&A (open-mic) - [15 minutes]

• SFC in-band OAM (Presenter + open-mic) - [20 minutes]
  – In-band OAM for SFC (Shwetha Bhandari) - [10 minutes]
    • https://tools.ietf.org/html/draft-brockners-inband-oam-requirements-00
    • https://tools.ietf.org/html/draft-brockners-inband-oam-data-00
    • https://tools.ietf.org/html/draft-brockners-inband-oam-transport-00
    • https://tools.ietf.org/html/draft-brockners-proof-of-transit-00
  – In-band OAM for SFC Q&A (open-mic) - [10 minutes]
Agenda (Detailed) Cont.

• SFC Performance Measurement (Presenters + open-mic) - [20 minutes]
  – Performance Measurement Techniques (Gaurav Agrawal) - [10 minutes]
    • https://datatracker.ietf.org/doc/draft-agv-sfc-performance-measurement-architecture/
  – Performance Measurement Q&A (open-mic) - [10 minutes]

• Hierarchical SFC (Presenter + open-mic) - [15 Minutes]
  – draft-dolson-sfc-hierarchical update/progression (Shunsuke Homma) - [10 minutes]
    • https://datatracker.ietf.org/doc/draft-dolson-sfc-hierarchical/
  – hSFC Q&A (open-mic) - [5 minutes]

• Packet Generation in Service Function Chains (Presenter + open-mic) - [15 minutes]
  – Packet generation in SFC (Dave Dolson) - [10 minutes]
    • https://datatracker.ietf.org/doc/draft-penno-sfc-packet/
  – Packet generation Q&A (open-mic) - [5 minutes]

• Closing (WG-chairs) - [5 minutes]