Service Function Chaining (SFC)

IETF 92
Dallas

WG Chairs:
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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 Encapsulation Discussion
- SFC Architecture Discussion
- SFC Interoperability & Open Source
- Closing

Agenda (Detailed)

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

- SFC encapsulation discussion (presenters + open-mic) – [35 minutes]
  - Network Service Headers (Paul Quinn) - [15 minutes]
    - https://datatracker.ietf.org/doc/draft-quinn-sfc-nsh/
  - SFC encapsulation Q&A (open-mic) – [20 minutes]

- SFC architecture discussion (presenters + open-mic) – [55 minutes]
  - SFC Header Mapping for Legacy SF (Dave Dolson) - [10 minutes]
    - https://datatracker.ietf.org/doc/draft-song-sfc-legacy-sf-mapping/
  - Service Function Simple Offloads (Surendra Kumar) – [10 minutes]
    - https://datatracker.ietf.org/doc/draft-kumar-sfc-offloads/
  - SFC Forwarding Analysis (Dave Dolson) – [10 minutes]
    - https://datatracker.ietf.org/doc/draft-homma-sfc-forwarding-methods-analysis/
  - SFC Layer-7 Optimization (Sumandra Majee) – [10 minutes]
  - SFC architecture Q&A (open-mic) - [15 minutes]

Agenda (Detailed) Cont.

- SFC Interoperability & Open Source (presenters + open-mic) – [50 minutes]
  - Opendaylight Implementation Update (Reinaldo Penno) - [10 minutes]
  - Report of Interconnectivity testing of SFC by 6 companies (Shunsuke Homma) – [15 minutes]
  - SFC/OVS Functionality & Status (Reinaldo Penno) – [10 minutes]
  - SFC Interoperability & Open Source (open-mic) - [15 minutes]

- Closing (WG chairs) - [5 minutes]
  - Actions & Next Steps

SFC WG Status

- Problem statement
  - PS completed IESG review
  - In RFC queue for publication
  - Joel Halpern (document shepherd)
- SFC architecture
  - Submitted to IESG for publication
  - Jim Guichard (document shepherd)