Service Function Chaining (SFC)
IETF 94
Yokohama

WG Chairs:
Jim Guichard (jguichar@cisco.com)
Thomas Narten (narten@us.ibm.com)

Meeting Chairs:
Special thank you Carlos & Joel!
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.
  - If you are aware that a contribution of yours (something you write, say, or discuss in any IETF context) is covered by patents or patent applications, you must disclose that fact.
  - You understand that meetings might be recorded, broadcast, photographed, and publicly archived.

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 Requirements
• SFC Use Cases Discussion
• SFC Architecture Discussion
• SFC Miscellaneous
• Closing
Agenda (Detailed)

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

• SFC Security Requirements (presenters + open-mic) – [25 minutes]
  – SFC Environment Security Requirements (Daniel Migault) - [15 minutes]
  – SFC Security Requirements Q&A (open-mic) – [40 minutes]

• SFC Use Cases Discussion (presenters + open-mic) – [40 minutes]
  – SFC Use Cases in Mobile Networks (Jeff Napper) - [10 minutes]
    • https://datatracker.ietf.org/doc/draft-ietf-sfc-use-case-mobility/
  – SFC Use Cases for Network Security (Eric Wang) – [10 minutes]
    • https://datatracker.ietf.org/doc/draft-wang-sfc-ns-use-cases/
  – SFC Use Cases in Broadband (Wei Meng) – [10 minutes]
    • https://datatracker.ietf.org/doc/draft-meng-sfc-broadband-usecases/
  – SFC Use Cases Discussion Q&A (open-mic) - [10 minutes]
Agenda (Detailed) Cont.

• SFC Architecture Discussion (presenters + open-mic) – [50 minutes]
  - UDP Overlay Transport For Network Service Header (Surendra Kumar) - [10 minutes]
    • https://datatracker.ietf.org/doc/draft-kumar-sfc-nsh-udp-transport/
  - Map Assisted SFC Proxy using LISP (Albert Cabellos) – [10 minutes]
    • https://datatracker.ietf.org/doc/draft-cabellos-sfc-map-assisted-proxy/
  - Packet Generation in Service Function Chains (Reinaldo Penno) – [10 minutes]
    • https://datatracker.ietf.org/doc/draft-penno-sfc-packet/
  - Hierarchical Service Function Chaining (Dave Dolson) – [10 minutes]
    • https://datatracker.ietf.org/doc/draft-dolson-sfc-hierarchical/
  - SFC Architecture Discussion Q&A (open-mic) – [10 minutes]

• SFC Miscellaneous (presenters + open-mic) – [25 minutes]
  - SFC Trace Issue Analysis & Solutions (Xinpeng Wei) - [10 minutes]
    • https://datatracker.ietf.org/doc/draft-yang-sfc-trace-issue-analysis/
  - SFC: Subscriber & Host Identification Considerations (TBD) – [10 minutes]
    • https://datatracker.ietf.org/doc/draft-sarikaya-sfc-hostid-serviceheader/
  - SFC Miscellaneous Q&A (open-mic) – [5 minutes]

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