

# Service Function Chaining

(SFC)  
IETF 94

Yokohama

WG Chairs:

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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:**
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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 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]
    - <https://datatracker.ietf.org/doc/draft-mgmt-sfc-security-environment-req/>
  - 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