

# Service Function Chaining (SFC)

IETF 100

Singapore

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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.
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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 OAM
- SFC Forwarding Mechanisms
- Miscellaneous SFC Topics
- Closing

# Agenda (Detailed)

- Introduction (WG-chairs) - [10 minutes]
  - Agenda bashing, note-well, (WG-chairs) - [10 minutes]
- SFC OAM (Presenter + open-mic) – [65 minutes]
  - SFC Multi-layer OAM (Greg Mirsky) - [15 minutes]
    - <https://tools.ietf.org/html/draft-wang-sfc-multi-layer-oam-10>
  - SFC OAM (Ting Ao) – [20 minutes]
    - <https://tools.ietf.org/html/draft-ao-sfc-oam-path-consistency-01>
    - <https://tools.ietf.org/html/draft-ao-sfc-oam-return-path-specified-01>
    - <https://tools.ietf.org/html/draft-ao-sfc-oam-scalability-analysis-03>
  - Performance Measurement with Alternate Marking (Greg Mirsky) – [15 minutes]
    - <https://tools.ietf.org/html/draft-mirsky-sfc-pmamm-02>
  - NSH Encapsulation for In-Situ OAM Data (Frank Brockners) - [15 minutes]
    - <https://tools.ietf.org/html/draft-brockners-sfc-ioam-nsh-00>
- SFC Forwarding Mechanisms (Presenter + open-mic) – [30 minutes]
  - An MPLS-based Forwarding Plane for SFC (Adrian Farrel) – [15 minutes]
    - <https://tools.ietf.org/html/draft-farrel-mpls-sfc-02>
  - Service Chaining using Unified Source Routing Instructions (Xiaohu Xu) – [15 minutes]
    - <https://tools.ietf.org/html/draft-xu-mpls-service-chaining-03>

# Agenda (Detailed) Cont.

- Miscellaneous SFC Topics (Presenter + open-mic) - [40 minutes]
  - NSH Context Header Allocation: Timestamp (Tal Mizrahi) - [10 minutes]
    - <https://tools.ietf.org/html/draft-mymb-sfc-nsh-allocation-timestamp-02>
  - Alternative Handling of Dynamic Chaining & Service Indirection (Debashish Purkayastha) - [15 minutes]
    - <https://tools.ietf.org/html/draft-purkayastha-sfc-service-indirection-01>
  - Optimized Service Function Chaining (Ramin Khalili) - [15 minutes]
    - <https://tools.ietf.org/html/draft-khalili-optimized-service-function-chaining-00>
- Closing (WG-chairs) - [5 minutes]