Service Function Chaining (SFC)

IETF 100
Singapore

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:
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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]
  – SFC OAM (Ting Ao) – [20 minutes]
  – 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
• Miscellaneous SFC Topics (Presenter + open-mic) - [40 minutes]
  – NSH Context Header Allocation: Timestamp (Tal Mizrahi) – [10 minutes]
  – Alternative Handling of Dynamic Chaining & Service Indirection (Debashish Purkayastha) – [15 minutes]
  – 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]