

Service Function Chaining (SFC)

IETF 91
Honolulu

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 Architecture Discussion
- SFC OAM Discussion
- SFC Implementation
- SFC YANG Model
- Closing

Agenda (Detailed)

- Introduction (WG-chairs) - [5 minutes]
 - Agenda bashing, WG drafts status
- SFC architecture discussion (presenters + open-mic) – [60 minutes]
 - SFC architecture update (Carlos Pignataro) - [15 minutes]
 - <http://datatracker.ietf.org/doc/draft-ietf-sfc-architecture/>
 - SFC path optimization (Surendra Kumar) - [15 minutes]
 - <http://datatracker.ietf.org/doc/draft-kumar-sfc-sfp-optimization>
 - SFC header mapping for legacy SF (Lucy Yong) – [15 minutes]
 - <http://datatracker.ietf.org/doc/draft-song-sfc-legacy-sf-mapping/>
 - SFC architecture Q&A (open-mic) – [15 minutes]
- SFC OAM discussion (presenters + open-mic) – [30 minutes]
 - SFC OAM (Sam Aldrin) - [15 minutes]
 - <http://datatracker.ietf.org/doc/draft-aldrin-sfc-oam-framework/>
 - SFC OAM Q&A (open-mic) - [15 minutes]

Agenda (Detailed) Cont.

- SFC Implementation (presenters + open-mic) – [20 minutes]
 - SFC open source implementation (Reinaldo Penno) - [10 minutes]
 - SFC implementation Q&A (open-mic) - [10 minutes]
- SFC YANG model (presenters + open-mic) - [30 minutes]
 - SFC YANG model (Reinaldo Penno) - [15 minutes]
 - <http://datatracker.ietf.org/doc/draft-penno-sfc-yang/>
 - SFC YANG model Q&A (open-mic) - [15 minutes]
- Closing (WG chairs) - [5 minutes]
 - Actions & Next Steps

SFC WG Status

- Problem statement
 - PS completed WG LC
 - Sent to IESG for publication
 - Joel Halpern (document shepherd)
- SFC architecture
 - Merged SFC architecture completed WG LC
 - Will be sent to IESG for publication

SFC IETF 91 Summary

- Service Function Chaining (SFC) WG; chairs: Guichard/Narten
- Key Documents:
 - draft-ietf-sfc-problem-statement (Waiting for AD to start IETF LC)
 - draft-ietf-sfc-architecture (converged document currently in WG LC)
- Use case documents (intended to feed requirements/architecture)
 - WG has adopted 3 already
 - Chairs pushing back on adoption of possible 4th document
- Still only initial discussion of OAM, discussion will pick up post IETF91
- NSH header format proposals
 - 2 documents, appear close to getting one merged document
- Yang model (draft-penno-sfc-yang)