

Service Function Chaining (SFC)

Working Group Status

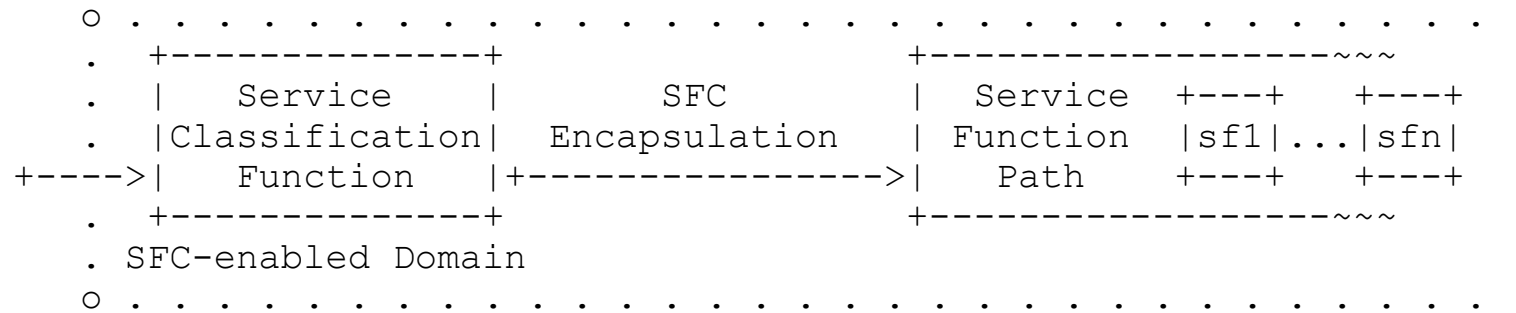
Chairs:	Jim Guichard Joel Halpern
Area Director:	Martin Vigoureux
Secretary:	Tal Mizrahi

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What is SFC?

[An informal definition]

A **Service Function Chain (SFC)** defines an ordered set of **Service Functions (SFs)**, such as packet filtering (firewalls), load-balancing and transactional proxies.



Service Function Chain Architecture

[RFC 7665]

Completed Work

- Architecture and use cases
 - RFC 7498
 - RFC 7665
 - RFC 8495
- The Network Service Header (NSH)
 - RFC 8300
 - RFC 8393
- OAM
 - RFC 8924
- Context headers
 - RFC 8979

Current Work

- 5 active WG documents
 - In IESG review:
<https://datatracker.ietf.org/doc/draft-ietf-sfc-nsh-integrity/>
 - Approved in WG last call:
<https://datatracker.ietf.org/doc/draft-ietf-sfc-proof-of-transit/>
<https://datatracker.ietf.org/doc/draft-ietf-sfc-nsh-tlv/>
- 12 individual I-Ds
- The WG has not met since IETF 104
- Will meet again subject to some new energy on the mailing list