

# SFC Path Consistency OA M

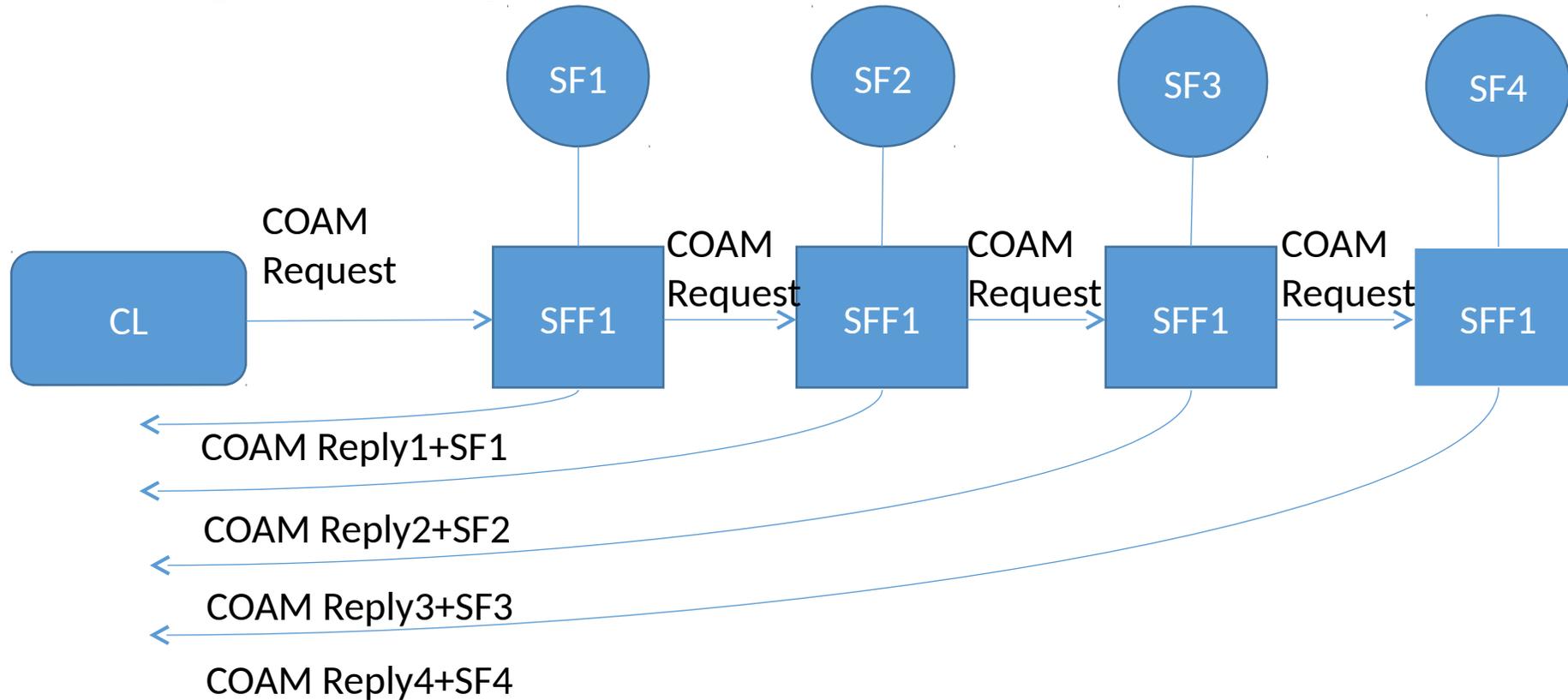
<https://tools.ietf.org/html/draft-ao-sfc-oam-path-consistency-01>

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# Theory of Operation in COAM



- With gathering COAM Reply1, COAM Reply2, COAM Reply3 and COAM Reply4, the path of the chain: SF1->SF2->SF3->SF4 is confirmed.

# Update from -00

- SFC Echo request/reply has been introduced (draft-wang-sfc-multi-layer-oam). The draft is now viewed as extension of SFC Echo request/reply protocol.
- Rather than introduce new SF ID registry refer to section 10.5 New Service Type Registry of ietf-bess-nsh-bgp-control-plane
- Added Security Considerations section

# Security Considerations

Security considerations discussed in [I-D.ietf-sfc-nsh] apply to this document.

In addition, since Service Function sub-TLV discloses information about the RSP the spoofed COAM Request packet may be used to obtain network information, it is RECOMMENDED that implementations provide a means of checking the source addresses of COAM Request messages, specified in SFC Source TLV [I-D.wang-sfc-multi-layer-oam], against an access list before accepting the message.

# Next steps

- Comments, questions always welcome and greatly appreciated
- WG adoption?