Active OAM for SFC Networks

draft-wang-sfc-multi-layer-oam

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Update

• Propose the update to O bit definition:
  – RFC 8300:
    O bit: Setting this bit indicates an OAM packet.
  – The draft:
    O bit: Setting this bit indicates an OAM command and/or data in the NSH Context Header or packet payload.

• Added the request to allocate the new value SFC Active OAM from the SFC Next Protocol registry
O bit and the Next Protocol interpretation

- O bit set and the Next Protocol value is not one of identifying active or hybrid OAM protocol indicates that a Fixed-Length Context Header or Variable-Length Context Header(s) contain OAM command or data.
O bit and the Next Protocol interpretation II

- O bit set and the Next Protocol value is one of identifying active or hybrid OAM protocol, e.g., SFC Active OAM, - the payload that immediately follows SFC NSH contains OAM command or data
O bit and the Next Protocol interpretation III

- O bit is clear - no OAM in Fixed-Length Context Header or Variable-Length Context Header(s) and the payload type determined by the value of the Next Protocol field.
Next steps

- Your comments, suggestions, questions always welcome and greatly appreciated