RSVP-TE Recovery Extension Extension for Additional Signal Types in G.709 OTN

draft-ali-ccamp-additional-signal-type-g709v3-00.txt

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Outline

- Requirements

- Solution

- Next Steps

Requirements

- G.Sup43 defines the following additional signaling types:
  - ➢ ODU1e
  - ➢ ODU3e1
  - ➢ ODU3e2
- G.Sup43 is a de facto standard with ITU-T status as "in force"
- Current GMPLS specifications for G709 v3 does not cover these signaling types.
- Current GMPLS OTN specifications does not support any vendor specific signaling type, either.

Solution

- Just need code points for signal types defined in G.Sup43 and vendor specific signal types.

Value	Type
23	ODU1e (10Gbps Ethernet [GSUP.43])
24	ODU3e1 (40Gbps Ethernet [GSUP.43])
25	ODU3e2 (40Gbps Ethernet [GSUP.43])
TBD	Reserved range for vendor specific signaled types

Next steps

- Does G.Sup43 being a supplementary document present IETF process related hurdle?

- We would like to hear WG feedback on this draft.