

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

draft-ali-ccamp-additional-signal-type-g709v3-02.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" [<http://www.itu.int/rec/T-REC-G.Sup43/en>].
- Current GMPLS specifications for G709 v3 does not cover these signaling types.
- Current GMPLS OTN specifications does not support any values for vendor specific signaling type or for "Private Use", either.

Summary of Changes (in -01)

- Added Fatai Zhang as co-author.
- Addressed all comments received from the WG (public or private)
 - Position the draft as “experimental”.
 - Removed signal types ODU1f and ODU2f.

Solution

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

Value	Type
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23	ODU1e (10Gbps Ethernet [GSUP.43])
24	ODU3e1 (40Gbps Ethernet [GSUP.43])
25	ODU3e2 (40Gbps Ethernet [GSUP.43])
0xD0-0xF0 (208-240)	A range assigned under the "Private Use" policy described in [RFC2434].

Next steps

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