Using ITU-T IDs for MPLS-TP Proactive CV
&
Using ITU-T IDs for MPLS-TP On-demand CV

draft-cui-mpls-tp-cc-cv-rdi-id-00
draft-cui-mpls-tp-on-demand-cv-id-00

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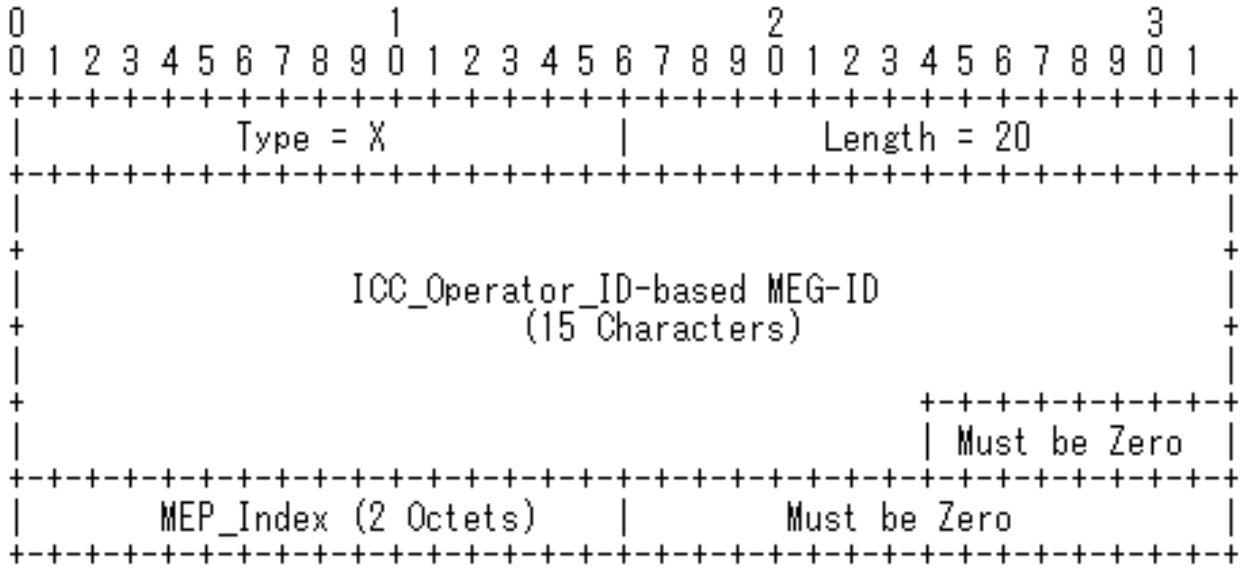
Background

- Transport Networks use the ITU Carrier Code (ICC) to identify a carrier / service provider
- As it stands right now proactive CV, on-demand CV and route tracing use the global ID (derived from the AS number, see RFC 6370)
- In order to use these OAM tools in ICC-based transport networks, some extensions to them are needed (based on draft-mpls-tp-itu-t-identifiers).

New Source MEP-ID TLV

draft-cui-mpls-tp-cc-cv-rdi-id-00

- Mechanics of RFC 6428
- Definition of a source MEP-ID TLV
  - The source MEP-ID TLVs for MPLS-TP Sections, LSPs, Pseudowires use the same format with a different type value



Next step

draft-cui-mpls-tp-cc-cv-rdi-id-00

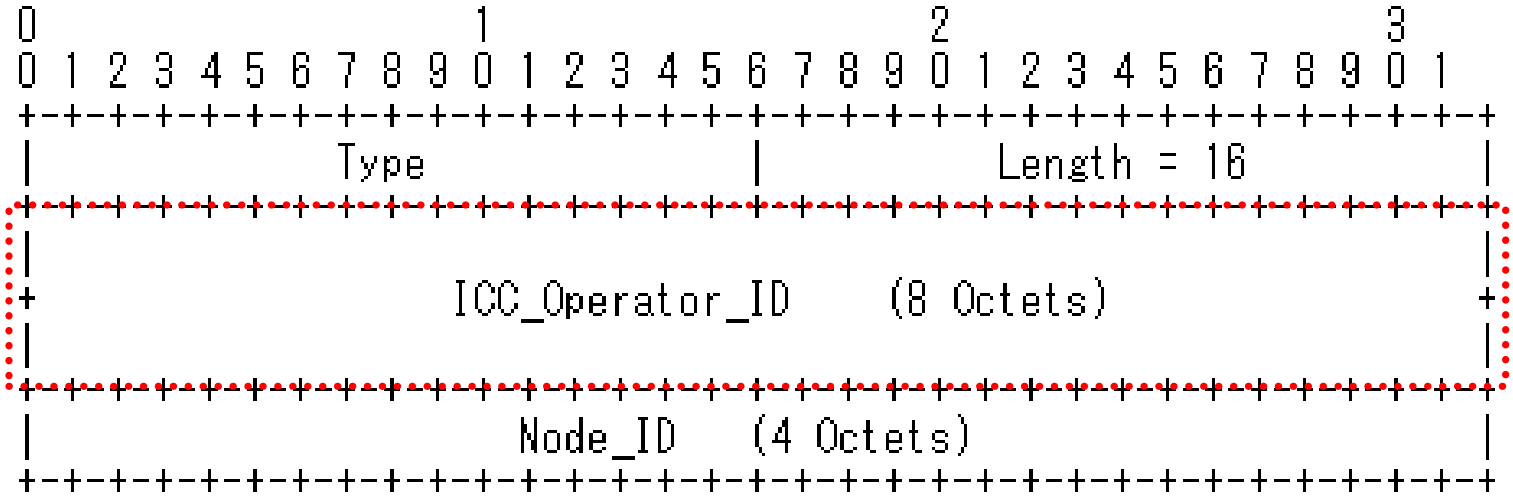
- draft-mpls-tp-itu-t-identifiers has expanded the MEP index to 32 bit which needs to be aligned.

- Comments?

On-demand Connectivity Verification

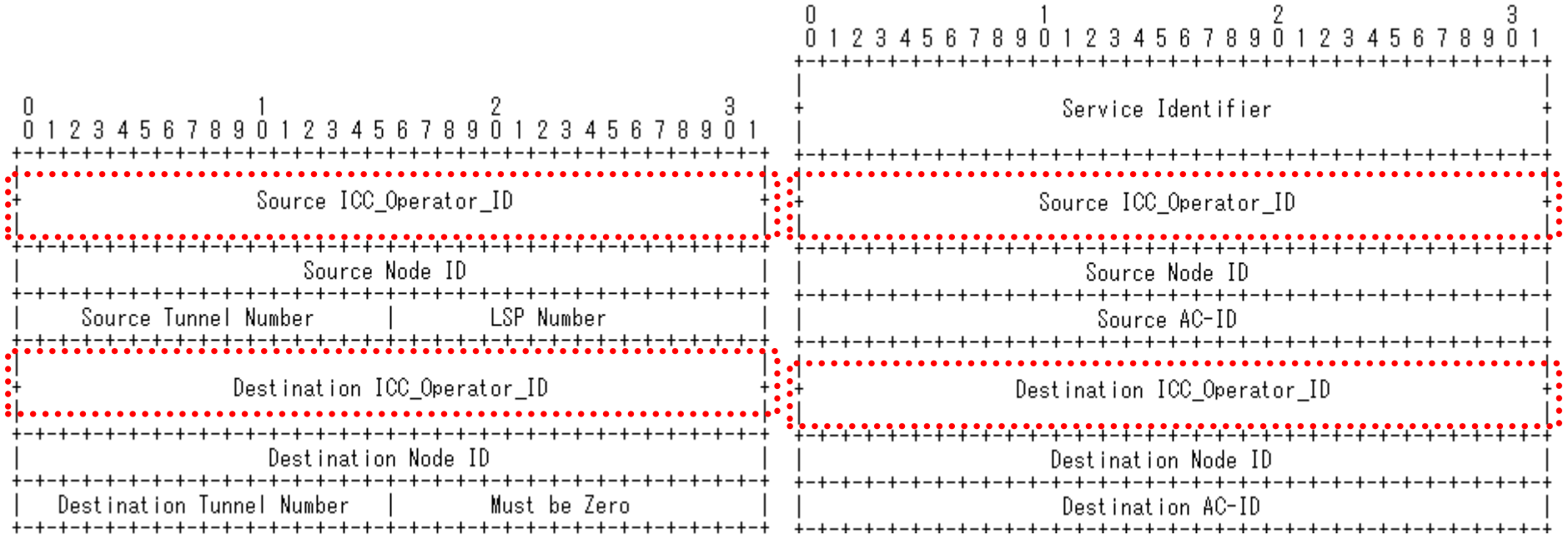
draft-cui-mpls-tp-on-demand-cv-id-00

- Mechanics of RFC 6426
- New Source / Destination ID TLV
  - Replaces the Global_ID by ICC_Operator_ID



New Static LSP/PW TLV

- Also s/Global_ID/ICC_Operator_ID/



Next steps

- Changes in draft-mpls-tp-itu-t-identifiers-03 need to be reflected

- Comments?