

RSVP Operator Identifier Object

draft-chen-ccamp-mpls-tp-oio-01

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MPLS-TP Operator Identifier

- Two formats of operator identifier specified in MPLS-TP networks
 - Global_ID
 - ICC_Operator_ID
- Used to provide a globally unique context for other MPLS-TP identifiers, e.g.
 - Tunnel_ID :
 - A1-**{Global_ID::Node_ID::Tunnel_Num}**::Z9-**{Global_ID::Node_ID::Tunnel_Num}**
 - co-routed bidirectional LSP_ID
 - A1-**{Global_ID::Node_ID::Tunnel_Num}**::Z9-**{Global_ID::Node_ID::Tunnel_Num}**::LSP_Num

RSVP-TE signaling does not exchange operator identifier when setup

Operator Identifier Object

- A new RSVP object: Operator Identifier Object
- Two object type for two formats of operator identifier
 - Type 1: Global_ID Object
 - Type 2: ICC_Operator_ID Object
 - Format

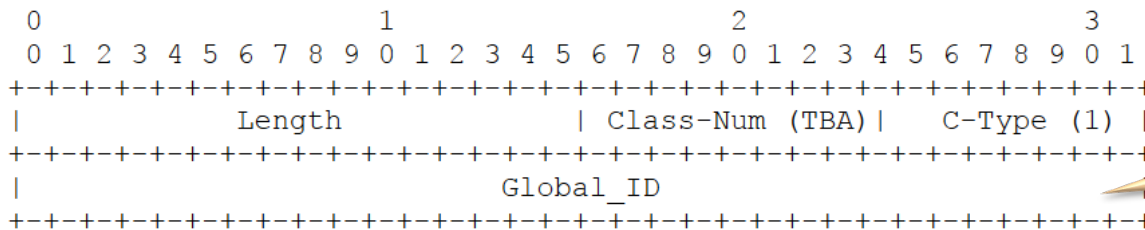


Figure 1. Global_ID Object

**Global_ID : 4 byte
ASN RFC 6370**

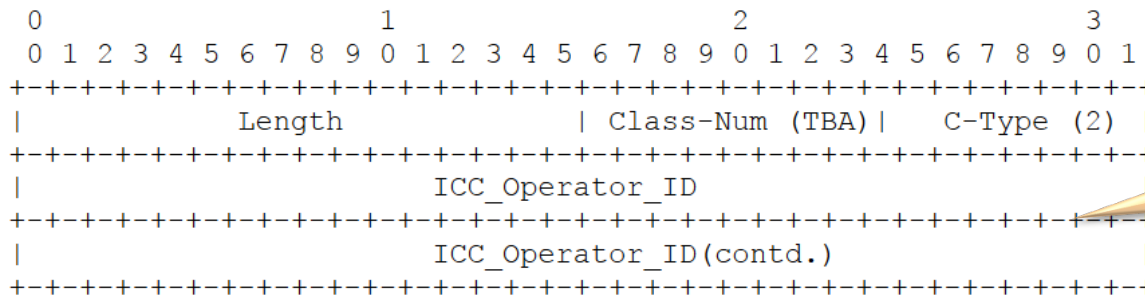


Figure 2. ICC_Operator_ID Object

**ICC_Operator_ID : 8 byte
CC::ICC
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identifiers**

Procedures

- Optional
- Carried in Path/Resv message
- Same C-type on both end ensured
- LSP not set up when C-type not match

Discussion

- A new object or A new C-type?
 - Precious resource, 255 object only
 - A new C-type of existing object?
 - Which object makes best sense?

Next Steps

- Continue to gather feedback from the list
- Ask for adoption when ready

Thank you