

Ethernet Traffic Parameters with Availability Information

draft-ietf-ccamp-rsvp-te-bandwidth-availability-04

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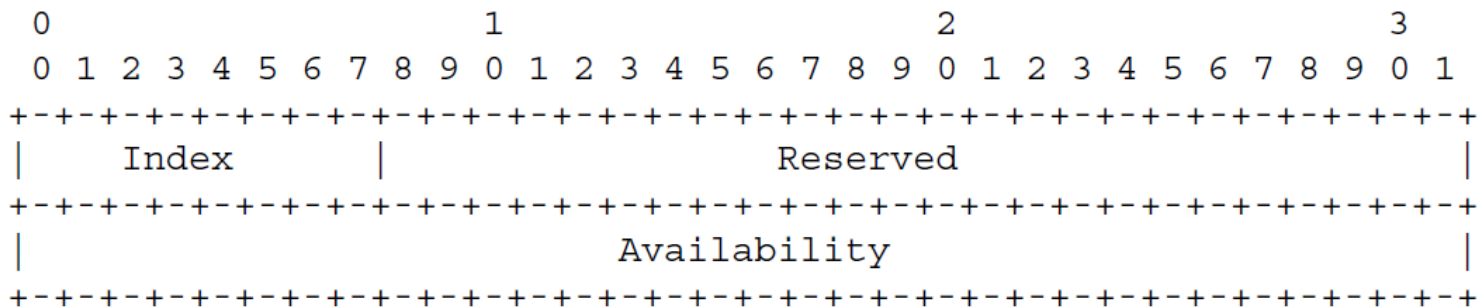
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Ethernet Traffic Parameters with Availability Information

- Changes from -03 version: address the comments from the list
 - Removed the Extended Ethernet Bandwidth Profile TLV 2.
 - Define the Availability TLV as a TLV of Ethernet SENDER TSPEC object
 - using the index field to associated with corresponding Ethernet Bandwidth Profile TLV. The relationship between Ethernet Bandwidth Profile TLV and Availability TLV are n:n, or n:1.



Availability TLV definition

Changes from 03 version

03 version

- + Ethernet Sender T-spec Object
 - ++ EXISTING Ethernet bandwidth profile TLV (type 2)
 - ++ Extended Ethernet bandwidth profile TLV
 - //(e.g. type 4 - used instead of type 2 when availability is needed)
 - +++ availability sub-TLV of the Extended Ethernet bandwidth profile TLV

04 version

- + Ethernet Sender T-spec Object
 - ++ EXISTING Ethernet bandwidth profile TLV (type 2)
 - ++ availability TLV to be used in conjunction with the type2 TLV when needed.

using the index field to associated with corresponding Ethernet Bandwidth Profile TLV.

Examples

Example 1: Ethernet Bandwidth Profile TLV and Availability TLV are n:n.

```
+ Ethernet SENDER_TSPEC
  ++ Ethernet BW TLV index=1
  ++ Ethernet BW TLV index=2
  ++ Availability TLV  index=1
  ++ Availability TLV  index=2
```

Each Ethernet BW TLV is corresponding to a Availability TLV.

Example 2: Ethernet Bandwidth Profile TLV and Availability TLV are n:1.

```
+ Ethernet SENDER_TSPEC
  ++ Ethernet BW TLV index=1
  ++ Ethernet BW TLV index=2
  ++ Availability TLV  index=0
```

All Ethernet BW TLV are corresponding to the same Availability TLV (having the Availability requirement).

Next steps

- The authors believe the draft is stable
- Would like to ask for WG LC

OSPF Routing Extension for Links with Variable Discrete Bandwidth

draft-ietf-ccamp-ospf-availability-extension-04.txt

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OSPF Routing Extension for Links with Variable Discrete Bandwidth

- Just editorial changes in 04 version
 - Deleted “section 3.1 Interface Switching Capacity Descriptor”, as it’s fully aligned with RFC4203
 - Remove the restriction on Switching Capability. Deleted “The Switching Capability field MAY be PSC-1, LSC”

Next steps

- The authors believe the draft is stable
- Would like to ask for a joint WG LC between CCAMP and TEAS