OVC End Point per UNI Attributes

The terms **OVC End Point per UNI attributes** and **OVC per UNI attributes** can be used interchangeably (see Section 7.5 MEF 26.1) For consistency with the term OVC End Point per ENNI Attributes in the Reference Wiki, we refer here to OVC End Point per UNI attributes.

1. UNI OVC Identifier

The UNI OVC Identifier is an identifier for the instance of the OVC at a UNI used for management purposes. The Identifier is formed by concatenating the UNI Identifier and the OVC Identifier.

2. OVC End Point Map

The OVC End Point Map is the set of CE-VLAN IDs that map to the OVC End Point at the UNI. The Map can contain one or more CE-VLAN IDs.

3. Class of Service (CoS) ID

The CoS ID is used to determine the Class of Service for a frame at the UNI. There are three (mutually exclusive) ways to determine the class of service for a Data Service Frame mapped to an OVC End Point:

1. OVC End-point - all data service frames mapped to the end point must have the same class of service. This option is the only one available ifthere is only one class of service on the OVC.
2. C-tag Priority Code Point (PCP) - a mapping from a non-overlapping set of values of C-Tag Priority Code Point (PCP) values to class of service
3. IP DCSP values - a mapping from a set of IP DSCP values to class of service

4. Ingress Bandwidth Profile (BWP) per OVC End Point at a UNI

The Ingress BWP per OVC at the UNI describes the policing by the Operator CEN performed on all ingress Service Frames mapped to the OVC End Point.

5. Ingress Bandwidth Profile per Class of Service Identifier at a UNI

The Ingress BWP per CoS ID at the UNI describes the policing by the Operator CEN performed on all ingress Service Frames with a given CoS ID.

6. Egress Bandwidth Profile Per OVC End Point at a UNI

The Egress BWP per OVC at the UNI describes the policing by the Operator CEN performed on all egress Service Frames mapped to the OVC End Point.

7. Egress Bandwidth Profile Per OVC per Class of Service Identifier at a UNI

The Egress BWP per CoS ID at the UNI describes the policing by the Operator CEN performed on all egress Service Frames with a given CoS ID.

List of Attributes

[1. UNI OVC Identifier] [2. OVC End Point Map] [3. Class of Service (CoS) ID] [4. Ingress Bandwidth Profile (BWP) per OVC End Point at a UNI] [5. Ingress Bandwidth Profile per Class of Service Identifier at a UNI] [6. Egress Bandwidth Profile Per OVC End Point at a UNI] [7. Egress Bandwidth Profile Per OVC per Class of Service Identifier at a UNI] [References] [Related]

References

MEF 26.1

Related

- Attributes of Carrier Ethernet Services
- Bandwidth Profile
- Bundling and Service Multiplexing
- Carrier Ethernet Service Connections
- Ethernet Virtual Connection (EVC)
- Operator Virtual Connection (OVC)
- OVC End Point per UNI Attributes
- UNI Attributes (MEF 10.3 and 10.2)