

MEF 23.2 - Carrier Ethernet Class of Service



Status

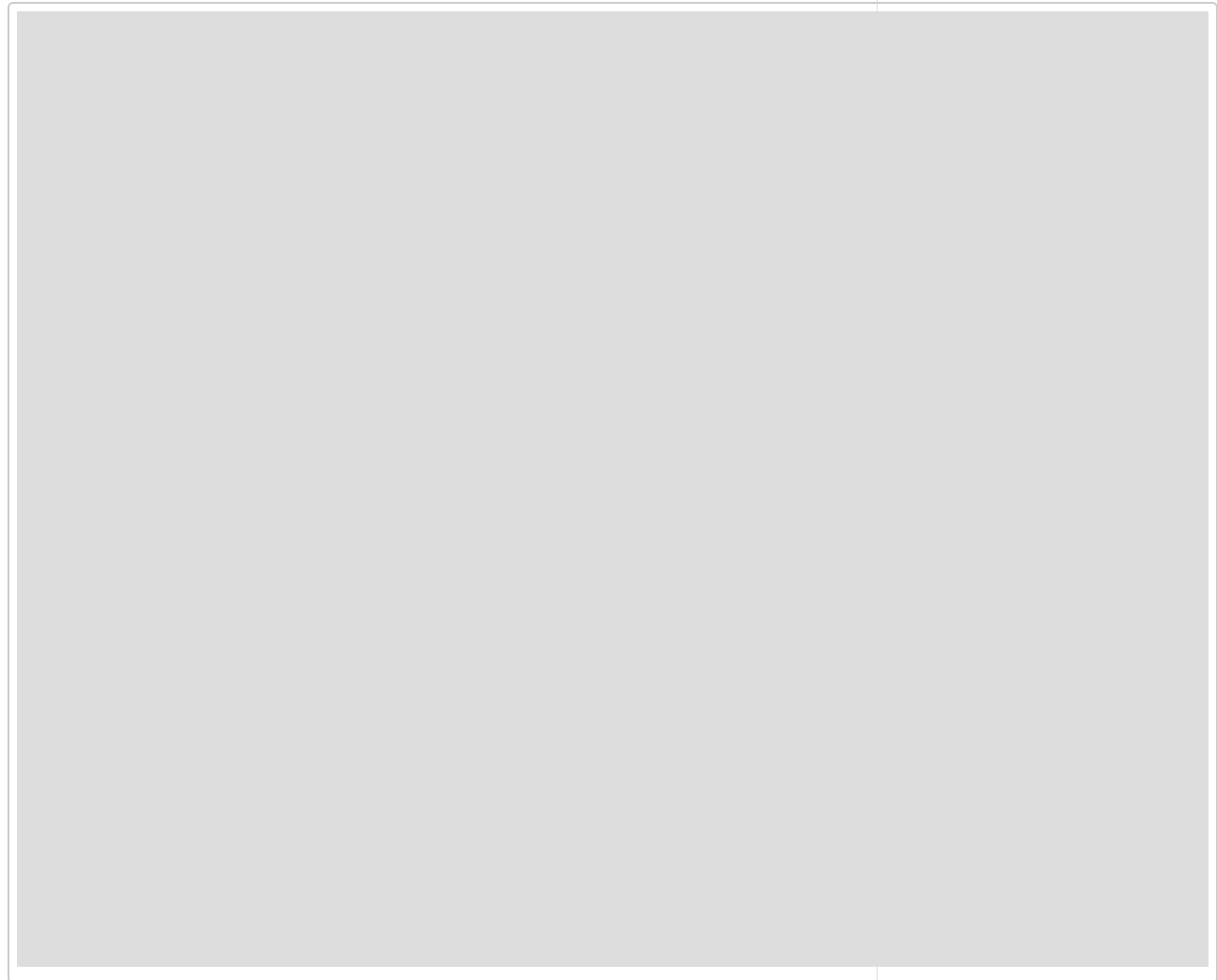
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MEF 23.2 is a specification developed by the MEF [STA](#) of the MEF that provides an Implementation Agreement for Carrier Ethernet Class of Service.

Abstract:

"In order to provide differentiated levels of service, it is necessary to classify incoming frames to a service level either based on context (e.g., which EVC or OVC) or content (i.e., the contents of a specific field within the frame).

[MEF 10.3 - Ethernet Services Attributes](#) and [MEF 26.2 - ENNI and Operator Service Attributes](#) provide attributes for associating each ingress frame with a Class of Service Name (CoS Name) for this purpose. Those specifications also provide attributes for associating each ingress frame with a color.

This Implementation Agreement formalizes the CoS Name and defines three specific CoS Names called Class of Service Labels (CoS Labels).

For frames associated with a CoS Label, this IA provides:

- *values for fields containing the CoS identifier*
- *values for fields containing the frame color*
- *definition of Performance Tiers. Performance Tiers provide a way to define sets of performance objectives based on inherent characteristics of the service (primarily geographic span).*
- *specific performance objectives. Required values for performance objectives are specified in this document for service with a Class of Service identified by one of the MEF CoS Labels.*
- *requirements associated with bandwidth profile applicability to frames associated with the CoS Labels.*

This IA also provides guidelines for CoS Names, in general, in terms of how the performance objectives for OVCs are composed into performance objectives for EVCs."

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