

MEF 7.1 - EMS-NMS Information Model

Superseded by [MEF 7.2](#)

Status

SUPERSEDED

Phase 2 EMS-NMS Information

Summary

"This Specification describes the Network View interface between an Ethernet Element Management System (EMS) and Network Management System (NMS) supporting Metro Ethernet Services Phase 1 and Phase 2 networks by providing the profile of management entities based on ITU-T Q.840.1. This specification also provides a mapping to the TMF's MTNM 3.5 Ethernet model.

The requirements and analysis for the management interface between an Ethernet Element Management System (EMS) and Network Management System (NMS) are provided in ITU-T Q.840.1, using the TMN interface specification methodology described in M.3020. In Q.840.1, a network view of Metro Ethernet and EoT managed entities are modeled according to a protocol-neutral information modeling approach, and the UML use case descriptions, class diagrams and sequence diagrams are also provided for both the requirements and the analysis of this management interface. In addition this document draws upon service requirements identified in MEF, ITU-T, and IEEE documents identified in the reference section.

Specifically this document adds management support for Service OAM."

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