# MEF 59 - Network Resources Model - Connectivity (Carrier Ethernet)

**Related**

- MEF 72 - Network Resource Model L1 Connectivity Service (Optical Transport)
- MEF 78 - MEF Core Model (MCM)
- MEF 78.1 - MEF Core Model (MCM)
- MEF 86 - LSO Presto Service OAM Interface Profile Specification

**Abstract**

*This specification describes the MEF Network Resource Management Information Model (NRM IM).*

*Lifecycle Service Orchestration Reference Architecture (LSO RA, MEF 55) extends the traditional MEF scope concerning Service Modeling, from a pure view "from outside the network" to cover a range of Operational, Orchestration, and Network Management behaviors, including SDN and NFV paradigms.*

*In support to MEF 55, NRM IM is then defined to manage the Network Infrastructure, through SDN Controllers, WAN Controllers, OTN Subnetwork Managers, and other legacy Network Management Systems.*

*The NRM IM structure is based on current and developing best network management solutions by ITU-T, ONF, TM Forum, to allow wider and future proof interoperability across multi-vendor and multi-technology networks. Examples of reference network management solutions are ITU-T G.7711/Y. 1702, ONF TR-512, ONF TR-527, TM Forum MTNM and MTOSI.*

*The NRM IM models the management features defined by MEF Service Information Model (MEF 7.3) in a resource-oriented view, at network level, i.e. potentially spanning more technology domains supporting the service. This model can be used as the basis for LSO RA PRESTO Inter-face Profiles defining APIs.*

*This document normatively includes the content of the following Papyrus UML files as if they were contained within this document (pull request #587, GitHub Repository):*

- *NRM_Connectivity.di*
- *NRM_Connectivity.notation*
- *NRM_Connectivity.uml*

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