



Frameworkx Reference

MTNM 4.5

Release Notes for MTNM 4.5
RN312
November 2014

Latest Update: Frameworkx Release 14.5	Reference Material
Version 1.2.0	IPR Mode: RAND

Notice

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1. Getting Started:

This document describes all the changes in MTNM Release 4.5 (compares Release 4.0). It includes some minor enhancements and support for L3VPN management.

2. Overview of MTNM Release 4.5

Minor enhancements over MTNM Release 4.0, added support for L3VPN management for Packet Transport Network.

2.1. Summary of changes in this release

MTNM Release 4.5 introduces some important Objects on L3VPN management over Release 4.0. These enhancements are:

- Added support for FRR and VRRP in Protection Group to < SD1-1_additionalInfoUsage.doc>
- Added model definition for VRF and Static route table. The model for FRR and VRRP PG, VRF and Routing Table includes read-only operations.

Element (sub-suite or individual document of a suite as appropriate)	CR Number (if applicable)	Detailed Description
flowDomain.idl		New read-only operations for L3VPN object, VRF, Static route , FRR & VRRP <ul style="list-style-type: none">• add operation getAllStaticRoutings, getAllVRFs, getFDFrVRFs
flowDomainFragment.idl		Add new struct for L3VPN object, VRF, Static route: <ul style="list-style-type: none">• StaticRoutingTableEntry_T• StaticRoutingTable_T• VRF_T
SD1-1_additionalInfoUsage.doc		Add support for FRR and VRRP in Protection Group Add some L2/L3 PG attributes in additional Info.

3. Release Definition

It lists all the contents modified since the previous release.

3.1. Document Release Description

Document Number	Document Name	Version	Document Status	Date	New/ Updated in this release
RN312	MTNM 4.5 Release Notes	1.2	Reference Material	Nov 2014	This document
TMF814A	MTNM Implementation Statement and Guidelines	3.3	Member Evaluation	Nov 2014	<p>Two new interfaces for OSS to control the sequence and time of collection data from for huge network</p> <ul style="list-style-type: none"> • getHistoryAlarmDataByPull • getHistoryPMDDataByPull <p>Enhance support for L3VPN object, VRF, Static route , FRR & VRRP</p> <ul style="list-style-type: none"> • add operation getAllStaticRoutings, getAllVRFs, getFDFrVRFs • Add new struct: StaticRoutingTableEntry_T, StaticRoutingTable_T, VRF_T
SD1-1	AdditionalInfoUsage	3.3	Reference Material	Oct 2014	Added support for FRR and VRRP in Protection Group, add some L2/L3 PG attributes in additional Info.

4. Administrative Appendix

This Appendix provides additional background material about the TM Forum and this document. In general, sections may be included or omitted as desired; however, a Document History must always be included.

4.1. Document History

4.1.1. Version History

This section records the changes between this and the MTNM 4.0.

Version Number	Date Modified	Modified by:	Description of changes
1.1	01 Nov 2014	Zeng jianguo	Updated MTNM 4.5 for Framework 14.5. Added support for FRR and VRRP in Protection Group. Added model definition for VRF and Static route table.
1.2	03 Dec 2014	Zeng jianguo	Minor corrections

4.1.2. Release History

Release Number	Date Modified	Modified by:	Description of changes
4.5	17 Nov 2014	MTNM Team	Initial version for Framework 14.5