*Frameworx Reference*

MTNM 4.0

**Release Notes for MTNM 4.0**

**RN312**

**April 2014**

|  |  |
| --- | --- |
| **Latest Update: Frameworx Release 14** | **Reference Material** |
| **Version 3.0.0** | **IPR Mode: RAND** |

Notice

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# Getting Started:

This release of MTNM Release 4.0 includes some minor enhancements compares to Release 3.5.

This document is targeted for readers who are already familiar with the content of previous release. It provides an overview of the delta between this release and former release.

The material is drawn from a repository of information under the guidance within the TM Forum Collaboration system.

And the full list of MTNM 4.0 can be download from SVN: <https://collab.tmforum.org/svn/repos/mtop/mtnm_4.0>.

# Overview of MTNM Release 4.0

The enhancements in MTNM 4.0 are to add layer rate and “probable causes” for OTN and L3VPN, and also add new function for better performance in large network.

## Summary of changes in this release

The enhancements in MTNM 4.0 (compared to MTNM Release 3.5) include:

* Add new function to better performance in large network and Big data analysis: getHistoryAlarmDataByPull()/ getHistoryPMDataByPull()
* Add missing OTN/PTN probableCause definitions in document <SD1-33\_ProbableCauses.pdf> according to TMF 063: Probable\_Cause Specification.
* update <SD1-41\_TPPoolRelationship.doc> to define TDM Over Packet model
* L3 VPN service management
  + Add layer rate definition of LSP、PW、and IP to <SD1-17\_LayerRates.doc>.

# Release Definition

The updated files are described in the following table.

## Document Release Description

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Document Number** | **Document Name** | **Version** | **Document Status** | **Date** | **New/**  **Updated in this release** |
| RN312 | MTNM 4.0 Release Notes | 3.0.0 | Reference Material | Apr 2014 | This document |
| SD1-17 | Layer Rates | 3.4.0 | Reference Material | Apr 2014 | Added New Layer definition from <TIP-TSO\_MPLS-TP\_FSD-V1-2-1.doc>  -400 LR\_MPLS\_TP  -401 LR\_MPLS-TP\_Section  New layer added for L3VPN  -413 LR\_IP  -414 LR\_MPLS\_TP\_LSP  -415 LR\_MPLS\_TP\_PW |
| SD1-18 | Functional Modelling Concepts | 3.5.0 | Reference Material | Apr 2014 | Added description on how to model TDM circuit over Packet network |
| SD1-26 | Guidelines for Using the OMG Notification and Telecom Log Service | 3.2.0 | Reference Material | Apr 2014 | Added definition for new notification type:  “NT\_PULL\_FILE\_TRANSFER\_STATUS” |
| SD1-33 | Specification of probableCause strings | 4.2.0 | Reference Material | Apr 2014 | Added OTN/PTN related Probable Causes that already defined in TMF 063  -update “source standard” for exist Probable Cause |
| TM814A | MTNM Implementation Statement and Guidelines | 3.2.0 | Member Evaluation | Apr 2014 | Two new interfaces for OSS to control the sequence and time of collection data from for huge network   * getHistoryAlarmDataByPull * getHistoryPMDataByPull |

## Model Release Description

N/A

# Linkages to other Projects/Products

N/A

# Open Issues

N/A

# 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.

## Document History

### Version History

As part of MTNM Release 4.0 all of the documents that were part of that release were baselined at version 3.5. Prior to Release 3.5 the MTNM documents did not have associated version numbers.

|  |  |  |  |
| --- | --- | --- | --- |
| **Version Number** | **Date Modified** | **Modified by:** | **Description of changes** |
| 0.1 | Apr 2014 | Zeng jianguo | Create baseline from MTNM 3.5, and add Minor corrections |
| 3.0.0 | May 2014 | Alicja Kawecki (TM Forum Staff) | Updated cover, header & footer; updated section 3.1, minor cosmetic fixes prior to posting for MTNM 4.0 |

### Release History

<This section records the changes between this and the previous Official document release>

|  |  |  |  |
| --- | --- | --- | --- |
| **Release Number** | **Date Modified** | **Modified by:** | **Description of changes** |
| 4.0 | Apr 2014 | MTNM Team | Initial version |
|  |  |  |  |