

Resource Trouble Management - DDP IA

TMF612_RTM

Version 1.2



April, 2013

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The actual content of the Resource Trouble Management - DDP IA is available in the specific set of documents of the IA directory.

1 IPR Releases and Patent Disclosure

There are no known IPR claims on the material in this document. As per the TM Forum bylaws, any TM Forum member company that has IPR claims on this or any TM Forum specification needs to make the claims known to the TM Forum membership immediately.

2 Administrative Appendix

This Appendix provides additional background material about the TM Forum and this document.

2.1 Use and Extension of a TM Forum Business Agreement

This set of documents defines a technology-neutral model of the artifacts of Resource Trouble Management and constitute the Information Agreement for the corresponding entities and interface operations: TMF612_RTM. It has been elaborated from the Business Agreement document. While this Information Agreement contains sufficient information to be a “stand alone” document, it is better read together with the Business Agreement document: TMF518_RTM.

It is expected that this document will be used:

- As the foundation for a TM Forum Interface Implementation Specifications (IIS)
- To facilitate information agreement between Service Providers and vendors
- As input to a service Provider’s Request for Information / Request for Proposal (RFI/RFP—RFX)
- As input for vendors developing COTS products
- As a source of information for other bodies working in this area

2.2 Document History

Version	Date Modified	Description of changes
1.0	May 2008	This is the first version of the document and as such, there are no changes to report.

1.1	September 2011	<ul style="list-style-type: none"> • Documentation deleted from DDP. • Interfaces::AlarmControlService::setResourceAlarmReportingOff Deleted the exceptions from the documentation. • Interfaces::AlarmControlService::setAlarmReporting: Input parameter layerRate added and specification completed. • Interfaces::ProtectionRetrievalService: Operation getContainingProtectionGroupNames() added. • Interfaces::AlarmRetrievalService::getActiveAlarms: Exceptions UNSUPPORTED_COMPRESSION_FORMAT and UNSUPPORTED_PACKING_FORMAT added. • Interfaces::TransmissionDescriptorControlService::verifyTransmissionDescriptorAssignment: "profile=corba" removed from operation. Exception NE_COMM_LOSS replaced by COMM_LOSS. • Interfaces::MaintenanceControlService::getActiveMaintenanceOperations: Exception NOT_IN_VALID_STATE added. • Interfaces::MaintenanceControlService::performMaintenanceOperation: Exception NOT_IN_VALID_STATE added. • Interfaces::AlarmSeverityAssignmentProfileControlService::createAlarmSeverityAssignmentProfile::newAsap: "newASAP" renamed by "newAsap". • Interfaces::AlarmSeverityAssignmentProfileControlService::modifyAlarmSeverityAssignmentProfile::modifiedAsap: "modifiedASAP" renamed by "modifiedAsap". • Interfaces::AlarmHandlingService::acknowledgeAlarms: parameter notepad added. • Interfaces::AlarmHandlingService::acknowledgeAlarms: parameter username added. • Interfaces::AlarmHandlingService::unacknowledgeAlarms: parameter notepad added. • Interfaces::AlarmHandlingService::unacknowledgeAlarms: parameter username added. • Interfaces::AlarmRetrievalService::getActiveAlarms::whereAndHowToReply: Reference to supporting document SD2-5_Communication_Styles added. • Type Definitions::ActiveAlarmFilter::scope: Addressing of managed elements in case of remote units clarified in the documentation. • Interfaces::AlarmSeverityAssignmentProfileControlService::createAlarmSeverityAssignmentProfile: Parameter targetOperationsSystem deleted.
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1.2	April 2013	<ul style="list-style-type: none"> • Interfaces::AlarmControlService::setAlarmReporting: Documentation updated to cover setting of alarm reporting for Connections • Protection Interface Diagram added • Interfaces::ProtectionControlService::createProtectionGroup added • Interfaces::ProtectionControlService::deleteProtectionGroup added • Interfaces::ProtectionControlService::modifyProtectionGroup added • Type Definitions::SwitchData::pgRef converted into a navigable relationship • Type Definitions::SwitchData::protectedTpRef converted into a navigable relationship • Type Definitions::SwitchData::switchToTpRef converted into a navigable relationship • Type Definitions::ProtectionGroupSetData added • Type Definitions::ProtectionGroupCreateData added • Type Definitions::ProtectionGroupModifyData added.
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2.3 Company Contact Details

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2.4 Acknowledgments

This document was prepared by the members of the TM Forum mTOP RM team.