



CTX-TM-Forum User Guide

Contents

CTX-TM-Forum User Guide	1
Contents	2
Versions	3
Document Revisions	3
Module Versions	3
Preface	4
About this Manual	4
Audience	4
Related Material	4
Abbreviations used in this Document.....	4
Requirements	5
Integration	6
Integration with Third-Party Systems	6
Integration with Existing Infrastructure	6
1 TM Forum Modules.....	7
1.1 Service Activation and Configuration	7
1.1.1 Overview	7
1.2 Service Catalogue Management.....	7
1.2.1 Overview	7
1.3 Service Inventory Management.....	9
1.3.1 Overview	9
1.4 Service Ordering.....	9
1.4.1 Overview	9
1.5 Service Problem Management.....	10
1.5.1 Overview	10
1.6 Service Qualification Management.....	11
1.6.1 Overview	11
1.7 Service Test Management.....	11
1.7.1 Overview	11
1.8 Usage Consumption.....	12
1.8.1 Overview	12

Versions

Document Revisions

The following revisions have been made to this document

Date	Revision	Notes
07/05/2019	1.0	First Release

Module Versions

The following revisions have been made to this document

Date	TM Forum Revision	Notes
07/05/2019	18.5	Creation of: <ul style="list-style-type: none">• Service Activation Configuration• Service Catalogue• Service Inventory• Service Ordering• Service Problem• Service Test• Service Qualification• Usage Consumption

Preface

About this Manual

This document is a user guide for the CTX-TM-Forum module.

Audience

The audience for this document is those wanting to understand how to use CTX-TM-Forum module.

Related Material

Document
CTX-TM-Forum – Deployment Plan
CTX- TM-Forum.studiopkg

Abbreviations used in this Document

None

Requirements

The CTX-TM-Forum module requires the following:

- Minimum Cortex v6.5 installed on the Cortex Application Server

Integration

Integration with Third-Party Systems

This subtasks in this module interact with TM Forum via a REST API. The user may create, delete, get details of and update incidents in ServiceNow, as well as resolve tickets that have been created. Each of these capabilities are contained within a Cortex subtask, detailed below.

To use these subtasks there is a need for a user to have access to perform the actions in ServiceNow. The three details to make calls to ServiceNow are:

- Instance Name
- Username
- Password

Integration with Existing Infrastructure

None Required.

1 TM Forum Modules

1.1 Service Activation and Configuration

1.1.1 Overview

The following subtasks are contained within this module:

- LM-List-Monitor
- LTMAVCN-Listen-To-Monitor-Attribute-Change-Notification
- LTMCN-Listen-To-Monitor-Create-Notification
- LTMDN-Listen-To-Monitor-Delete-Notification
- LTMSCN-Listen-To-Monitor-State-Change-Notification
- RM-Retrieve-Monitor

Click the icon below to view the TM Forum specification for Service Activation and Configuration. This contains examples of use cases, resource models and API operations.



TMF640 Service
Activation and Conf

1.2 Service Catalogue Management

1.2.1 Overview

The following subtasks are contained within this module:

- CEJ-Create-Export-Job
- CIJ-Create-Import-Job
- CSC-Create-Service-Candidate
- CSC-Create-Service-Catalog
- CSC-Create-Service-Category
- CSS-Create-Service-Specification
- DEJ-Delete-Export-Job
- DIJ-Delete-Import-Job
- DSC-Delete-Service-Candidate
- DSC-Delete-Service-Catalog
- DSC-Delete-Service-Category
- DSS-Delete-Service-Specification

- GTST-Get-TMF-Service-Test
- LEJ-List-Export-Job
- LIJ-List-Import-Job
- LSC-List-Service-Candidate
- LSC-List-Service-Catalog
- LSC-List-Service-Category
- LSS-List-Service-Specification
- LTSCBN-Listen-To-Service-Catalog-Batch-Notification
- LTSCCN-Listen-To-Service-Candidate-Change-Notification
- LTSCCN-Listen-To-Service-Candidate-Create-Notification
- LTSCCN-Listen-To-Service-Catalog-Change-Notification
- LTSCCN-Listen-To-Service-Catalog-Create-Notification
- LTSCCN-Listen-To-Service-Category-Change-Notification
- LTSCCN-Listen-To-Service-Category-Create-Notification
- LTSCDN-Listen-To-Service-Candidate-Delete-Notification
- LTSCDN-Listen-To-Service-Catalog-Delete-Notification
- LTSCDN-Listen-To-Service-Category-Delete-Notification
- LTSSCN-Listen-To-Service-Specification-Change-Notification
- LTSSCN-Listen-To-Service-Specification-Create-Notification
- LTSSDN-Listen-To-Service-Specification-Delete-Notification
- PSC-Patch-Service-Candidate
- PSC-Patch-Service-Catalogue
- PSC-Patch-Service-Category
- PSS-Patch-Service-Specification
- REJ-Retrieve-Export-Job
- RIJ-Retrieve-Import-Job
- RSC-Retrieve-Service-Candidate
- RSC-Retrieve-Service-Catalog
- RSC-Retrieve-Service-Category
- RSS-Retrieve-Service-Specification

Click the icon below to view the TM Forum specification for Service Catalogue Management. This contains examples of use cases, resource models and API operations.



TMF633 Service
Catalog Managemer

1.3 Service Inventory Management

1.3.1 Overview

The following subtasks are contained within this module:

- CS-Create-Service
- DS-Delete-Service
- LS-List-Service
- LTSAVCN-Listen-To-Service-Attribute-Value-Change-Notification
- LTSBN-Listen-To-Service-Batch-Notification
- LTSCN-Listen-To-Service-Create-Notification
- LTSDN-Listen-To-Service-Delete-Notification
- LTSSCN-Listen-To-Service-State-Change-Notification
- PS-Patch-Service
- RS-Retrieve-Service

Click the icon below to view the TM Forum specification for Service Inventory Management. This contains examples of use cases, resource models and API operations.



TMF638 Service
Inventory API REST S

1.4 Service Ordering

1.4.1 Overview

The following subtasks are contained within this module:

- CSO-Create-Service-Order
- DSO-Delete-Service-Order
- LSO-List-Service-Order
- LTSOAVCN-Listen-To-Service-Order-Attribute-Value-Change-Notification
- LTSOCN-Listen-To-Service-Order-Create-Notification

- LTSODN-Listen-To-Service-Order-Delete-Notification
- LTSOSCN-Listen-To-Service-Order-State-Change-Notification
- PSO-Patch-Service-Order
- RSO-Retrieve-Service-Order

Click the icon below to view the TM Forum specification for Service Ordering. This contains examples of use cases, resource models and API operations.



TMF641 Service
Ordering API REST S

1.5 Service Problem Management

1.5.1 Overview

The following subtasks are contained within this module:

- CPA-Create-Problem-Acknowledgment
- CPG-Create-Problem-Group
- CPU-Create-Problem-Unacknowledgement
- CPU-Create-Problem-Ungroup
- CSP-Create-Service-Problem
- DSP-Delete-Service-Problem
- LSPER-List-Service-Problem-Event-Record
- LTSPAVAN-Listen-To-Service-Problem-Attribute-Value-Change-Notification
- LTSPCN-Listen-To-Service-Problem-Create-Notification
- LTSPIRN-Listen-To-Service-Problem-Information-Required-Notification
- LTSPSCN-Listen-To-Service-Problem-State-Change-Notification
- PSP-Patch-Service-Problem
- RSPER-Retrieve-Service-Problem-Event-Record
- RSP-Retrieve-Service-Problem

Click the icon below to view the TM Forum specification for Service Problem Management. This contains examples of use cases, resource models and API operations.



TMF656 Service
Problem Manageme

1.6 Service Qualification Management

1.6.1 Overview

The following subtasks are contained within this module:

- CSQ-Create-Service-Qualification
- DSQ-Delete-Service-Qualification
- LSQ-List-Service-Qualification
- LTSQCN-Listen-To-Service-Qualification-Create-Notification
- LTSQDN-Listen-To-Service-Qualification-Delete-Notification
- PSQ-Patch-Service-Qualification
- RSQ-Retrieve-Service-Qualification

Click the icon below to view the TM Forum specification for Service Qualification Management. This contains examples of use cases, resource models and API operations.



TMF645 Service
Qualification Manag

1.7 Service Test Management

1.7.1 Overview

The following subtasks are contained within this module:

- CST-Create-Service-Test
- CSTS-Create-Service-Test-Specification
- DST-Delete-Service-Test
- DSTS-Delete-Service-Test-Specification
- LST-List-Service-Test
- LSTS-List-Service-Test-Specification
- LTSTAVCN-Listen-To-Service-Test-Attribute-Value-Change-Notification
- LTSTCN-Listen-To-Service-Test-Create-Notification
- LTSTDN-Listen-To-Service-Test-Delete-Notification
- LTSTSAVCN-Listen-To-Service-Test-Specification-Attribute-Value-Change-Notification
- LTSTSCN-Listen-To-Service-Test-Specification-Create-Notification
- LTSTSDN-Listen-To-Service-Test-Specification-Delete-Notification

- PST-Patch-Service-Test
- PSTS-Patch-Service-Test-Specification
- RST-Retrieve-Service-Test
- RSTS-Retrieve-Service-Test-Specification

Click the icon below to view the TM Forum specification for Service Test Management. This contains examples of use cases, resource models and API operations.



TMF653 Service Test
Management API RE

1.8 Usage Consumption

1.8.1 Overview

The following subtasks are contained within this module:

- CUCRR-Create-Usage-Consumption-Report-Request
- DUCR-Delete-Usage-Consumption-Report
- DUCRR-Delete-Usage-Consumption-Report-Request
- LTUCRRSCN-Listen-To-Usage-Consumption-Report-Request-State-Change-Notification
- LUCR-List-Usage-Consumption-Report
- LUCRR-List-Usage-Consumption-Report-Request
- RL-Register-Listener
- RUCR-Retrieve-Usage-Consumption-Report
- RUCRR-Retrieve-Usage-Consumption-Report-Request
- UL-Unregister-Listener

Click the icon below to view the TM Forum specification for Usage Consumption. This contains examples of use cases, resource models and API operations.



TMF677 Usage
Consumption API RE