

Library Changes

MTAS

LIBRARY REVISION INFORMATION

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1 Introduction

This document shows the changes in the MTAS library between the following releases:

From vMTAS 1.13.0 R12A EN/LZN 765 0163/9 R12A
To vMTAS 1.14.0 R13A EN/LZN 765 0163/9 R13A

The following changes are shown:

- Documents added
- Documents changed
- Documents removed

The reason for a change is described, for example, new, updated, or removed features, as well as corrected faults and responses to change requests.

Minor changes, however, such as language corrections, link errors, and editorial improvements are not shown in the tables below unless these are the only corrections in the update.

2 Description of Changes

The structure in this section reflects the structure of the current library.

2.1 New and Changed Documents

2.1.1 Library Overview

Table 1 Library Overview

Title	Identity	Change
Library Changes	109 45-EN/LZN 765 0163/9-12 Uen A	New document MTAS1 1.14
MTAS Library Overview	1551-EN/LZN 765 0163/9 Uen N	Ready for 1.14.0



2.1.2 Product Overview

Table 2 Product Overview

Title	Identity	Change
Free and Open Source Software	1/0962-AVA 901 29/9 Uen M	Core MW x86_64 changed from 4.8.0 to 4.9.2; COM x86_64 changed from 7.7.1 to 7.8.0; TRACE EA changed from 3.8.0 to 3.9.0; LTTng-modules changed from 2.10.7 to 2.10.8 JavaOAM changed from 4.2.0 to 4.3.0; CDF changed from 3.7.1 to 3.9.0; LEM changed from 4.7.1 to 4.8.0; DBS changed from 5.8.1 to 5.9.0; eVIP changed from 3.8.0 to 3.9.0; MMAS changed from 6.4.0 to 6.5.0; SEC changed from 2.8.0 to 2.9.0; vDicosEE changed from 4.7.1 to 4.8.0; LDEwSLES changed from 4.7.0 to 4.8.0; SS7 CAF changed from 6.5.0 to 6.6.0
vMTAS 1.14 / MTAS 4.14 Technical Product Description MMTel AS	2/221 02-FGC 101 2990 Uen S	

Table 3 Product Overview/Statement of Compliance/MTAS

Title	Identity	Change
MTAS Statement of Compliance Overview	1/174 02-AVA 901 29/9 Uen L	Added section 3.8.

Table 4 Product Overview/Statement of Compliance/SS7 Signalling

Title	Identity	Change
ANSI-41 MAP Extension API TIA 03/2002	174 02-CAA 901 904 Uen H	Document has been converted from FrameMaker format to XML
BSSAP-LE 3GPP	174 02-CAA 901 610 Uen L	Document has been converted from FrameMaker format to XML
SCTP IETF RFC 4960	1/174 02-CAA 901 548 Uen K1	New note 120 has been added in scope of the HW80201.

2.1.3 Planning

Table 5 Planning

Title	Identity	Change
vMTAS Network Impact Report from 1.10 to 1.14.0	25/109 48-AVA 901 29/9-13 Uen B	New document
vMTAS Network Impact Report from 1.11.0 to 1.14.0	26/109 48-AVA 901 29/9-13 Uen B	New document



Table 5 Planning

Title	Identity	Change
vMTAS Network Impact Report from 1.12.0 to 1.14.0	27/109 48-AVA 901 29/9-13 Uen B	New document
vMTAS Network Impact Report from 1.13.0 to 1.14.0	28/109 48-AVA 901 29/9-13 Uen B	New document

2.1.4 Installation

Table 6 Installation

Title	Identity	Change
vMTAS Upgrade Information from 1.10.1, 1.11.0, 1.12.0, and 1.13.0 to 1.14.0	2/153 72-AVA 901 29/9-13 Uen C	New document
Onboard VNF Package on EO	142/1543-AVA 901 29/9 Uen A	New document New document.
Onboard VNF Package on VNF-LCM	141/1543-AVA 901 29/9 Uen A	New document New document.

2.1.5 Operation and Maintenance

Table 7 Operation and Maintenance

Title	Identity	Change
MTAS Operation and Maintenance Guide	117/1553-AVA 901 29/9 Uen S	Fixed a link error. Updated section 2.1.3 for MUP. Added section 2.1.20 for Communication Event Logging.

Table 8 Operation and Maintenance/Fault Management/Alarms

Title	Identity	Change
MTAS Alarm List	1/006 51-AVA 901 29/9 Uen N	Added alarm MtasLicenses, MMTel Multi Persona License Absent
MTAS List of Alarms and Attributes	4/006 51-AVA 901 29/9 Uen J	
MtasLicenses, MMTel Multi Persona License Absent	153/1543-AVA 901 29/9 Uen A	New document New document.
Performance Management Threshold Crossed or Reached	72/1543-CAA 901 2624/4 Uen A	New document New document. Firm revision.
SRM Alarm System Resources High Usage	73/1543-CAA 901 2624/4 Uen B	New document
SRM Alarm System Resources Low Usage	74/1543-CAA 901 2624/4 Uen B	New document



Table 9 Operation and Maintenance/Fault Management/Troubleshooting Information

Title	Identity	Change
LEM Error Dump And Log User Guide	1/1553-CXP 903 0882/4 Uen B	Added a new example path to Section 4 (Crash Dumps) and explained in more detail how log collection works when it comes to core dumps in Section 4.1 (Packer Objects for LEM).
MTAS AppTrace	26/1553-AVA 901 29/9 Uen T	Updated Section 6: Added AppTrace domain ims.mtas.services.defaultmessageservice.
MTAS Fault Codes Catalogue	1/1545-AVA 901 29/9 Uen L	Updated Table 2.

Table 10 Operation and Maintenance/Configuration Management

Title	Identity	Change
Core MW Management Guide	2/1553-APR 901 0444/4 Uen AA	Updated section, 3.10.9 Fencing Feature, based on HX25661. Updated the following sections based on MR59103. Renamed 3.11 Set Time-Out for Core MW Scaling Feature To 3.11 Set Time-Outs for Core MW Features 3.11 Set Time-Outs for Core MW Features Added 3.11.1 Scaling Feature Added 3.11.2 Split-brain Feature Added section, 3.14 Show network topology (Only applicable to Cloud Enabled Core MW), based on CBALDA-807. Firm revision. Updated section 3.10.2 SC Absence Feature. Firm revision.

Table 11 Operation and Maintenance/Configuration Management/Configuration Management Parameters

Title	Identity	Change
vMTAS Master Parameter Value List	1/190 73-AVA 901 29/9 Uen S	
vMTAS Master Parameter Value List for Performance Management	2/190 73-AVA 901 29/9 Uen G	

Table 12 Operation and Maintenance/Configuration Management/Configuration OPIs, MTAS

Title	Identity	Change
Co-Location of AS Roles in MTAS	96/1553-AVA 901 29/9 Uen G	Updated in section 2 Overview.
MTAS Calling Name Identity Presentation Management Guide	17/1553-AVA 901 29/9 Uen B	Updated section 3.7 Modify Default Display Name.
MTAS CAPv2 Management Guide	74/1553-AVA 901 29/9 Uen K	Updated sections 3.1 and 3.2; removed tables 10 and 11.
MTAS Charging Management Guide	3/1553-AVA 901 29/9 Uen G	Section 4.7 added.



Table 12 Operation and Maintenance/Configuration Management/Configuration OPIs, MTAS

Title	Identity	Change
MTAS Communication Event Logging Management Guide	138/1553-AVA 901 29/9 Uen A	New document New document.
MTAS Customized Alerting Tones Management Guide	68/1553-AVA 901 29/9 Uen F	Updated Table 1 in section 3.1 Configuration Activities. Editorial updates. Updated copyright year. Added section 3.4 CAT in Transparent Mode.
MTAS External Network Configuration	43/1553-AVA 901 29/9 Uen K	Added new section 3.19 CEL Interface. Updated section 12.5. Added new section 5.1.17 Settings for Multi-Persona on CS Access Feature. Updated in section 5.1 and added new sections 5.1.20 and 5.1.21
MTAS Flexible Communication Distribution Management Guide	31/1553-AVA 901 29/9 Uen K	Updated sections 4.1 and 4.2.
MTAS Identity Presentation Management Guide	38/1553-AVA 901 29/9 Uen K	Added section 3.12 Configure Display Name Filtering.
MTAS Multi-Persona Management Guide	139/1553-AVA 901 29/9 Uen A	New document New document.
MTAS Network Announcement Management Guide	25/1553-AVA 901 29/9 Uen H	Updated section 2.1.1. Updated copyright year. Added new section 3.6 MtasNaAnnCauseT MO Configuration. Updated figure 2.
MTAS Service Management Guide	2/1553-AVA 901 29/9 Uen H	Added new section Communication Event Logging.
MTAS SIP Management Guide	20/1553-AVA 901 29/9 Uen H	Updated in section 3.
MTAS SIP Upstream Overload Control Management Guide	129/1553-AVA 901 29/9 Uen G	Removed section 4.2.
MTAS SRVCC Management Guide	69/1553-AVA 901 29/9 Uen H	Table 1: Attribute mtasSrvccAlertAckFallbackTime added.
MTAS SS7 Management Guide	85/1553-AVA 901 29/9 Uen E	Section 6.1: Added description about CAP calling party and CAP called party.
MTAS Subscriber Data Management Guide	10/1553-AVA 901 29/9 Uen L	Updated section 5.

Table 13 Operation and Maintenance/Configuration Management/Transport Management

Title	Identity	Change
Virtual IP Routing	3/1551-APR 901 0467/3 Uen B	

Table 14 Operation and Maintenance/Configuration Management/SS7 Management

Title	Identity	Change
Add ASes in M3UA IPSP-IPSP Configuration	42/1543-ANA 901 37 Uen A	New document
Add Local AS in M3UA ASP-SGP Configuration	41/1543-ANA 901 37 Uen A	New document
Configuration OPI SCCP Load-sharing between destinations	46/1543-ANA 901 37 Uen A	New document



Table 14 Operation and Maintenance/Configuration Management/SS7 Management

Title	Identity	Change
Configuration OPI SCCP Local SAP	43/1543-ANA 901 37 Uen A	New document
Configuration OPI SCCP Routing on any Destination	47/1543-ANA 901 37 Uen A	New document
Configuration OPI Signaling Networks	44/1543-ANA 901 37 Uen A	New document
Configuration OPI Signaling Points	45/1543-ANA 901 37 Uen A	New document
Configuring SS7, Signaling Network, M3 IETF	11/1543-CNA 403 0874/1 Uen T	Updated for R4N/14
Create Basic M3UA ASP-SGP Configuration	40/1543-ANA 901 37 Uen A	New document
Create Basic M3UA IPSP-IPSP Configuration	39/1543-ANA 901 37 Uen A	New document
Create Local SCTP Endpoint	38/1543-ANA 901 37 Uen A	New document
Reconfiguring SS7, Network, Creating and Defining GT Routing	5/1543-CNA 403 0874/1 Uen G	New TSP chapter Creating GT Conversion Rules without section 2.

Table 15 Operation and Maintenance/Configuration Management/Provisioning

Title	Identity	Change
MTAS CAI3G Interface	22/155 19-AVA 901 18 Uen AE	
MTAS Service Data Structure	2/190 01-AVA 901 18 Uen Y	

Table 16 Operation and Maintenance/Health Check

Title	Identity	Change
MTAS Health Check	53/1543-AVA 901 29/9 Uen U	Section 3.22: Added one condition for VERIFY; Modified the first condition for FAIL. Section 4.3 preupgrade type / HcMtasPreUpgradeProfile, Section 4.4 postupgrade type / HcMtasPostUpgradeProfile. Section 2 Health Check Procedure: updated list, Section 2.1.1 Health Check Using vMTASHealthCheck Script: updated table content and example, Section 3.21 SS7Connections: added first sentence, Section 4.2 troubleshooting type / HcMtasFull profile: title updated. Updated sections 2.2 and 2.2.1.

Table 17 Operation and Maintenance/Performance Management

Title	Identity	Change
MTAS Performance Measurements	1/1553-AVA 901 29/9 Uen H	Added Measurement Job MtasMultiPersona in section 3, and corresponding Measurement Group in section 4.

Table 18 Operation and Maintenance/Scaling Management

Title	Identity	Change
MTAS Scaling Management	10/1551-AVA 901 29/9 Uen B	Updated links to reflect new titles of scaling OPIs.



Table 18 Operation and Maintenance/Scaling Management

Title	Identity	Change
Manually Scale Out Cluster	140/1543-AVA 901 29/9 Uen B	Changed title from "Increase Capacity Manually" to "Manually Scale Out Cluster".
Manually Scale In Cluster	139/1543-AVA 901 29/9 Uen B	Changed title from "Decrease Capacity Manually" to "Manually Scale In Cluster".
Scale Out Cluster Using Heat Orchestration	138/1543-AVA 901 29/9 Uen B	Changed title from "Increase Capacity with Heat Orchestration" to "Scale Out Cluster Using Heat Orchestration".
Scale In Cluster Using Heat Orchestration	137/1543-AVA 901 29/9 Uen B	Changed title from "Decrease Capacity with Heat Orchestration" to "Scale In Cluster Using Heat Orchestration".

Table 19 Operation and Maintenance/Software Management/Backup and Restore

Title	Identity	Change
Create Secure Backup	69/1543-CAA 901 2624/4 Uen A	New document New document. Firm revision.
Restore Backup	56/1543-AVA 901 29/9 Uen F	Added comments to steps 1 and 3 in section 2.2.
Restore Secure Backup	70/1543-CAA 901 2624/4 Uen A	New document New document. Firm revision.
Enable Encryption of Scheduled Backup Contents	71/1543-CAA 901 2624/4 Uen A	New document New document. Firm revision.
Export Backup	28/1543-CAA 901 2624/4 Uen E	Updated section 2.1 Export Backup based on HW21589. Firm revision.
Import Backup	27/1543-CAA 901 2624/4 Uen H	Updated section 2.1 Import Backup based on HW21589. Firm revision.

Table 20 Operation and Maintenance/Software Management/License Management

Title	Identity	Change
MTAS Licenses	1/1555-AVA 901 29/9 Uen N	
Configure Connection to NeLS	11/1543-APR 901 0503/6 Uen B	

Table 21 Operation and Maintenance/VNF Lifecycle Management

Title	Identity	Change
MTAS VNF Lifecycle Management	9/1551-AVA 901 29/9 Uen A	New document New document.
Configure Time-Based Scaling	155/1543-AVA 901 29/9 Uen A	New document New document.
Heal VNF	147/1543-AVA 901 29/9 Uen A	New document New document.



Table 21 Operation and Maintenance/VNF Lifecycle Management

Title	Identity	Change
Instantiate VNF Using EO	144/1543-AVA 901 29/9 Uen A	New document New document.
Instantiate VNF Using VNF-LCM	143/1543-AVA 901 29/9 Uen A	New document New document.
Scale In VNF	146/1543-AVA 901 29/9 Uen A	New document New document.
Scale Out VNF	145/1543-AVA 901 29/9 Uen A	New document New document.
Terminate VNF Using EO	149/1543-AVA 901 29/9 Uen A	New document New document.
Terminate VNF Using VNF-LCM	148/1543-AVA 901 29/9 Uen A	New document New document.

Table 22 Operation and Maintenance/Managed Object Management/Managed Object Model

Title	Identity	Change
Managed Object Model (MOM)	190 89-LZN 765 0163/9 Uen N	

2.1.6 Emergency

Table 23 Emergency

Title	Identity	Change
Emergency Recovery Procedure for MTAS	154 32-AVA 901 29/9 Uen J	Updated link to MTAS Scaling Management.

2.1.7 Interface

Table 24 Interface

Title	Identity	Change
Communication Event Logging Interface in MTAS	40/155 19-AVA 901 18 Uen B	New document
Diameter Online Charging in MTAS	11/155 19-AVA 901 18 Uen Z	
MTAS CAP Support	28/155 19-AVA 901 18 Uen M	
MTAS H.248 Support	7/155 19-AVA 901 18 Uen T	
MTAS Interface to CSCF (ISC, Ma, Pw)	3/155 19-AVA 901 18 Uen Y	
MTAS Interface to SIPCC	19/155 19-AVA 901 18 Uen A	New document



Table 24 Interface

Title	Identity	Change
MTAS, Online Charging, version 1	3/190 04-AVA 901 18 Uen V	
MTAS, Online Charging, version 2	6/190 04-AVA 901 18 Uen U	
MTAS, Online Charging, version 3	16/190 04-AVA 901 18 Uen N	

2.2 Removed Documents

Table 25 Documents Removed from Library

Title	Identity	Comment
Library Changes	109 45-EN/LZN 765 0163/9-11 Uen A	
vMTAS Network Impact Report from 1.10.1 to 1.13.0	25/109 48-AVA 901 29/9-12 Uen A	
vMTAS Network Impact Report from 1.11.0 to 1.13.0	26/109 48-AVA 901 29/9-12 Uen A	
vMTAS Network Impact Report from 1.12.0 to 1.13.0	27/109 48-AVA 901 29/9-12 Uen B	
vMTAS Upgrade Information from 1.10.1 and 1.12.0 to 1.13.0	2/153 72-AVA 901 29/9-12 Uen D	
MMAS, Heap Memory Load Limit Exceeded	2/1543-ANA 901 40/6 Uen C	
MTAS VNF Life Cycle Management Guide	131/1553-AVA 901 29/9 Uen M	
Scaling Management	20/1551-APA 901 44/1 Uen A	