

# Library Changes

## MTAS

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### LIBRARY REVISION INFORMATION

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# 1 Introduction

This document shows the changes in the vMTAS 1.10 library between the following releases:

**From** vMTAS 1.9 R8A, EN/LZN 765 0163/9 R8A  
**To** vMTAS 1.10 R9A, EN/LZN 765 0163/9 R9A

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
Glossary of Terms and Acronyms	<i>1/0033-AVA 901 29/9 Uen G</i>	Cdar, CDwr added LRBT and NRBT: added.
Library Changes	<i>109 45-EN/LZN 765 0163/9-8 Uen A</i>	<i>New document</i>
MTAS Library Overview	<i>1551-EN/LZN 765 0163/9 Uen J</i>	Updated for vMTAS 1.10.



## 2.1.2 Product Overview

*Table 2 Product Overview*

Title	Identity	Change
Free and Open Source Software	1/0962-AVA 901 29/9 Uen H	Table 1 updated
vMTAS 1.10 / MTAS 4.10 Technical Product Description MMTel AS	2/221 02-FGC 101 2990 Uen K	
vMTAS 1.10 / MTAS 4.10 Technical Product Description SSC AS	3/221 02-FGC 101 2990 Uen G	
Virtual MTAS Infrastructure Requirements	3/1056-AVA 901 29/9 Uen E	Minor updates for vMTAS 1.10 release.

*Table 3 Product Overview/Statement of Compliance/Diameter*

Title	Identity	Change
Statement of Compliance to RFC 6733 - Diameter Base Protocol	1/174 02-APA 901 44/1 Uen D	Editorial changes.

*Table 4 Product Overview/Statement of Compliance/MTAS*

Title	Identity	Change
MTAS Statement of Compliance Overview	1/174 02-AVA 901 29/9 Uen K	Updated Table 1 in Section 3.1. Updated Table 2.

*Table 5 Product Overview/Statement of Compliance/SS7 Signalling*

Title	Identity	Change
MAP ETSI	174 02-CAA 201 45 Uen AD	MR 105 65-0334/54172: Updated note 40 with handling of proprietary "0xC1" TagId in V2CheckIMEI.  MR 105 65-0334/55078: added MAP_V2_REGISTER_SS and MAP_V2_INTERROGATE_SS support according to TS 29.002 V13.6.0
SCCP ANSI/ITU/TTC/CHINESE ITU-T 07/96	1/174 02-CAA 901 437 Uen S2	Minor update for TSP: Remove link to external document in Note 26.  Stepped the document revision due to PRIM/GASK error.
SCTP IETF RFC 4960	1/174 02-CAA 901 548 Uen J	The following modifications have been done in the scope of HV91803: notes 7 and 119 have been corrected. The following modifications have been done in the scope of 105 65-0334/49532: note 53 has been corrected.
TCAP ITU/ETSI/TTC/China ITU (06/97)	1/174 02-CAA 201 694 Uen K3	Added Note 18 about Component portion handling in incoming INVOKE.



## 2.1.3 Planning

Table 6 Planning

Title	Identity	Change
vMTAS Network Impact Report from 1.5 to 1.10	20/109 48-AVA 901 29/9-9 Uen B	New document
vMTAS Network Impact Report from 1.6 to 1.10	21/109 48-AVA 901 29/9-9 Uen B	New document
vMTAS Network Impact Report from 1.7 to 1.10	22/109 48-AVA 901 29/9-9 Uen A	New document
vMTAS Network Impact Report from 1.8 to 1.10	23/109 48-AVA 901 29/9-9 Uen A	New document
vMTAS Network Impact Report from 1.9 to 1.10	24/109 48-AVA 901 29/9-9 Uen B	New document
MTAS Internal and External Connectivity	1/1551-AVA 901 29/9 Uen G	Section 3.5.4.3 Static Routing without BFD: added. Editorial review. Adonitions added.

## 2.1.4 Installation

Table 7 Installation

Title	Identity	Change
vMTAS Upgrade Information from 1.5.1, 1.6.1, 1.7.2, 1.8, and 1.9 to 1.10	2/153 72-AVA 901 29/9-9 Uen A	New document New document for vMTAS 1.10

## 2.1.5 Operation and Maintenance

Table 8 Operation and Maintenance

Title	Identity	Change
MTAS Operation and Maintenance Guide	117/1553-AVA 901 29/9 Uen L	Reference to "MTAS Node Management Guide" changed to "MTAS VNF Management Guide". Added entries to tables 8 and 10. Section 10 Performance Management updated.

Table 9 Operation and Maintenance/Fault Management

Title	Identity	Change
Create SNMPv1 Target	6/1543-CAA 901 2587/7 Uen C	Structural changes.
Create SNMPv2C Target	7/1543-CAA 901 2587/7 Uen C	Structural changes.
Create SNMPv3 Target	8/1543-CAA 901 2587/7 Uen C	Updated section: 2 Procedure Structural changes.
Delete SNMP Target	9/1543-CAA 901 2587/7 Uen B	Structural changes.

**Table 9** *Operation and Maintenance/Fault Management*

Title	Identity	Change
Disable SNMP Target	10/1543-CAA 901 2587/7 Uen B	Structural changes.
Enable SNMP Target	11/1543-CAA 901 2587/7 Uen C	Structural changes.
Create SNMP View	12/1543-CAA 901 2587/7 Uen B	Structural changes.
Configure SNMP Master Agent with engineId	43/1543-CAA 901 2587/7 Uen A	New document
Check Alarm Status	13/1543-CAA 901 2587/7 Uen C	Structural changes.
Change Alarm Type Severity	14/1543-CAA 901 2587/7 Uen B	Structural changes.
Change Heartbeat Interval	32/1543-CAA 901 2587/7 Uen B	Structural changes.

**Table 10** *Operation and Maintenance/Fault Management/Alarms*

Title	Identity	Change
MTAS Alarm List	1/006 51-AVA 901 29/9 Uen J	Alarm "MtasLicenses, MMTel Communication State Exposure License Absent" added.  "vDicos, Diameter Link Congested" changed to "vDicos, Diameter Link Congestion".
MTAS List of Alarms and Attributes	4/006 51-AVA 901 29/9 Uen F	
A Fallback Operation will soon be started	59/1543-CAA 901 2624/4 Uen A	New document New document based on 98/1543-APA 901 44/1.
BRM, Auto Export Backup Failed	9/1543-CAA 901 2624/4 Uen C	DITA transformation, editorial updates, and firm revision
BRM, Auto Export Manual Backup Failed	49/1543-CAA 901 2624/4 Uen B	DITA transformation, editorial update, and firm revision.
BRM, Scheduled Backup Failed	8/1543-CAA 901 2624/4 Uen C	DITA transformation & firm revision.
Certificate Management, a Valid Certificate is Not Available	1/1543-CRA 119 1933 Uen E	Prepared for DITA.
Certificate Management, Automatic Enrollment Failed	3/1543-CRA 119 1933 Uen E	Structural changes.
Certificate Management, the Certificate is to Expire	2/1543-CRA 119 1933 Uen D	Structural changes.
COM SA, AMF Component Cleanup Failed	60/1543-CAA 901 2624/4 Uen A	New document New document based on 42/1543-APA 901 44/1.
COM SA, AMF Component Instantiation Failed	61/1543-CAA 901 2624/4 Uen A	New document New document based on 43/1543-APA 901 44/1.
COM SA, AMF SI Unassigned	62/1543-CAA 901 2624/4 Uen A	New document





**Table 10**    *Operation and Maintenance/Fault Management/Alarms*

<b>Title</b>	<b>Identity</b>	<b>Change</b>
COM SA, CLM Cluster Node Unavailable	63/1543-CAA 901 2624/4 Uen A	<i>New document</i> New document based on 45/1543-APA 901 44/1.
COM SA, MDF Detected Model Error	64/1543-CAA 901 2624/4 Uen A	<i>New document</i> New document based on 46/1543-APA 901 44/1.
COM SA, Proxy Status of a Component Changed to Unproxied	65/1543-CAA 901 2624/4 Uen A	<i>New document</i> New document based on 142/1543-APA 901 44/1.
DBS, Memory Limit Reached	167/1543-APA 901 44/1 Uen D	Structural changes.
eVIP, Gateway Unavailable	126/1543-APA 901 44/1 Uen E	Structural changes.
eVIP, IKE Distribution Not Possible	127/1543-APA 901 44/1 Uen C	Structural changes.
eVIP, IPSEC Tunnel Fault	128/1543-APA 901 44/1 Uen E	Structural changes.
File Management, Max Size in FileGroup Exceeded	5/1543-CAA 901 2587/7 Uen E	Updated section: 2 Procedure Structural changes. Updated section: 2 Procedure Structural changes.
File Management, Number of Files in FileGroup Exceeded	3/1543-CAA 901 2587/7 Uen E	Updated section: 2 Procedure Structural changes. Updated section: 2 Procedure 2.1 Handling Alarm File Management, Number of Files in FileGroup Exceeded Structural changes.
LemCDCLSV, Operation Execution Timeout	30/1543-APA 901 44/1 Uen B	Structural changes.
License Management, Autonomous Mode Activated	104/1543-AVA 901 29/9 Uen B	<i>New document</i>
License Management, Emergency Unlock Reset Key Required	3/1543-APR 901 0503/6-2 Uen A	<i>New document</i>
Local Authentication, Authentication Failure Limit Reached	1/1543-CRA 119 1962 Uen B	Structural changes.
LOTG, Disk Replication Communication	7/1543-ANA 901 39/4 Uen A	<i>New document</i> New document based on 137/1543-APA 901 44/1. Updated Section 2.1, added new step 3, 6, 7.
LOTG, Disk Replication Consistency	6/1543-ANA 901 39/4 Uen B	<i>New document</i>
LOTG, Disk Usage	3/1543-ANA 901 39/4 Uen C	<i>New document</i>

**Table 10** *Operation and Maintenance/Fault Management/Alarms*

<b>Title</b>	<b>Identity</b>	<b>Change</b>
LOTC, Ethernet Bonding	2/1543-ANA 901 39/4 Uen B	New document
LOTC, Memory Usage	5/1543-ANA 901 39/4 Uen B	New document
LOTC, Time Synchronization	1/1543-ANA 901 39/4 Uen F	New document
LPM, Load Regulation Limit Passed	168/1543-APA 901 44/1 Uen C	Structural changes.
MMAS, CPU Load Limit Exceeded	1/1543-ANA 901 40/6 Uen C	New document
MMAS, Heap Memory Load Limit Exceeded	2/1543-ANA 901 40/6 Uen C	New document
MtasCharging, Request Transmission Problem	96/1543-AVA 901 29/9 Uen D	Link corrected
MtasLicenses, Communication Interworking Function NW AS Base License Absent	125/1543-AVA 901 29/9 Uen C	Section 2, step 4: CXC number and licence name modified.
MtasLicenses, MMTel Communication State Exposure License Absent	136/1543-AVA 901 29/9 Uen A	New document New document
MtasLicenses, SIP Trunking AS Base License Absent	126/1543-AVA 901 29/9 Uen C	Section 2, step 4: CXC number and license name modified.
SS7 CAF State Change	13/1543-ANA 901 37 Uen C	New document
SS7 CAF Congestion Status Change	16/1543-ANA 901 37 Uen B	New document
SS7 CAF Connections Exceed High Threshold	6/1543-ANA 901 37 Uen B	New document
SS7 CAF Link Deactivated	17/1543-ANA 901 37 Uen B	New document
SS7 CAF Link out of service	3/1543-ANA 901 37 Uen C	New document
SS7 CAF Local Link Congestion	18/1543-ANA 901 37 Uen B	New document
SS7 CAF Low Link Availability	5/1543-ANA 901 37 Uen B	New document
SS7 CAF OAM Connection Lost	2/1543-ANA 901 37 Uen B	New document
SS7 CAF Process Down	10/1543-ANA 901 37 Uen B	New document
SS7 CAF SCTP IP Path is Down	24/1543-ANA 901 37 Uen B	New document
SS7 CAF Signaling Process State Change	14/1543-ANA 901 37 Uen C	New document
SS7 CAF SSC Received	9/1543-ANA 901 37 Uen B	New document
SS7 CAF Start Process Failed	23/1543-ANA 901 37 Uen B	New document
vDicos, Diameter Link Congestion	145/1543-APA 901 44/1 Uen H	Structural changes and editorial updates. Title changed.



**Table 10** Operation and Maintenance/Fault Management/Alarms

Title	Identity	Change
vDicos, Diameter Link Disabled	135/1543-APA 901 44/1 Uen G	Structural changes and editorial updates.
vDicos, Diameter Link Failure	136/1543-APA 901 44/1 Uen G	Structural changes and editorial updates.
vDicos, Diameter Own Node Disabled	143/1543-APA 901 44/1 Uen J	Structural changes.
vDicos, Diameter Peer Node Disabled	144/1543-APA 901 44/1 Uen G	Structural changes.

**Table 11** Operation and Maintenance/Fault Management/Troubleshooting Information

Title	Identity	Change
AppTrace User Guide	1/1553-CXP 904 0373/4 Uen C	Section 6 was updated with information about wrapper command versions.
LEM Error Dump And Log User Guide	1/1553-CXP 903 0882/4 Uen A	<p><i>New document</i></p> <p>Document number has changed. Document is based on 1/1553-CXP 903 0882.</p> <p>Added new Section 5.1 (CDCLSV Configuration Related Commands). Added note at the end of Section 4.3. Added Section 3.1 (Log Sizes).</p> <p>Added information about packaging naming conventions regarding the existence of cdclsPkOption argument in Sections 2.1.2, 2.1.3, and 5.3.</p>
MTAS AppTrace	26/1553-AVA 901 29/9 Uen K	<p>Section 3.1 Trace Levels for Live System: MAJOR (24) changed to MAJOR (23).</p> <p>Section 5 AppTrace Domains in MTAS updated. Section 7 Examples updated.</p>
MTAS Fault Codes Catalogue	1/1545-AVA 901 29/9 Uen G	<p>Section 2.1.1 updated</p> <p>Table 3 updated with "Warning: The early dialog is terminated already" and "Warning: Message can not be forwarded EARLY_UPDATE".</p>
MTAS Logs	112/1553-AVA 901 29/9 Uen B	Section 3.3 Console Log and Section 3.4 Additional vDicos Logs: updated.
MTAS Troubleshooting Guideline	1/154 51-AVA 901 29/9 Uen J	Reference to "MTAS Node Management Guide" changed to "MTAS VNF Management Guide".

**Table 12** Operation and Maintenance/Fault Management/Data Collection

Title	Identity	Change
Data Collection Guideline for MTAS	70/1543-AVA 901 29/9 Uen K	Updated section 4.1. Added new section 4.2.1 Data Collection Using ECLI. Editorial updates in section 4.2.2. Updated section 4.3. Replaced Tables 3 through 7 under Section 4.4 with a new Table 3.

**Table 13** *Operation and Maintenance/Configuration Management*

Title	Identity	Change
Core MW Management Guide	2/1553-APR 901 0444/1 Uen T	Updated section according to TR HT88512: 2 Core MW Command Overview 3.11 Clear Alarm Issued by AMF Updated section according to TR HT91367: 3.10.3 SCALING Updated section according to TR HT80594: 2 Core MW Command Overview Added section according to TR HT80594: 3.11 Set Timeout For Core MW Scaling Feature
System Management	3/1551-AVA 901 29/9 Uen D	Corrected link
Check General System Attributes	15/1543-CAA 901 2587/7 Uen C	Structural changes.
List Supported XML Model Files	16/1543-CAA 901 2587/7 Uen B	Structural changes.
Push XML Model File to Remote File Location	17/1543-CAA 901 2587/7 Uen B	Structural changes.

**Table 14** *Operation and Maintenance/Configuration Management/Configuration Management Parameters*

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

**Table 15** *Operation and Maintenance/Configuration Management/Configuration OPIs, MTAS*

Title	Identity	Change
MTAS Announcement Management Guide	30/1553-AVA 901 29/9 Uen G	Updated Table 3.
MTAS Application Server Interworking Management Guide	62/1553-AVA 901 29/9 Uen F	Section 2 updated. Section 2.2.6 Filtering of 181 Call is been Forwarded added. Section 3.4 181 Call is been Forwarded Filtering Configuration added.
MTAS Call Return Management Guide	79/1553-AVA 901 29/9 Uen F	Updated mtasCrFirstDigitTimeout in Table 1. Section 2.1.4 Play Announcement: modified. Section 3.3 Announcement Configuration: Modified. Added announcement attributes in Table 1, section 3.2, and Table 2, section 8.2; updated section 2.1.2.
MTAS CAPv2 Management Guide	74/1553-AVA 901 29/9 Uen H	Section 2.15.24 Identity Presentation: attribute IDP.CallingPartyNumber... modified.
MTAS Communication Completion Management Guide	27/1553-AVA 901 29/9 Uen G	Section 2.3.4 Charging: updated. Section 3.11: added.



**Table 15** *Operation and Maintenance/Configuration Management/Configuration OPIs, MTAS*

<b>Title</b>	<b>Identity</b>	<b>Change</b>
MTAS Communication Diversion Management Guide	35/1553-AVA 901 29/9 Uen G	Section 2.1 License Control updated
MTAS External Network Configuration	43/1553-AVA 901 29/9 Uen G	Section 4.2 ICMP Destination Unreachable Supervision: added. Added new section 5.4 Settings for Test Announcement Service Reference to "MTAS Node Management Guide" changed to "MTAS VNF Management Guide". Section 5.1 Initial Filtering Criteria updated.
MTAS External Network Configuration for SIP Trunking	110/1553-AVA 901 29/9 Uen C	Reference to "MTAS Node Management Guide" changed to "MTAS VNF Management Guide".
MTAS Flexible Communication Distribution Management Guide	31/1553-AVA 901 29/9 Uen H	Section 4.8.1.2 IMS Primary Mobile User updated
MTAS Flexible Service Format Selection Management Guide	65/1553-AVA 901 29/9 Uen E	Section 2.2: Call Return (CR), added. Section 2.2.9 Call Return. added.
MTAS Gateway Model Management Guide	33/1553-AVA 901 29/9 Uen C	Section 2.3.2 P-Early-Media Interworking Function and section 3.4 GM P-Early-Media Removal: added.
MTAS Identity Presentation Management Guide	38/1553-AVA 901 29/9 Uen G	Section 3.2.1.6 FIP table 9 updated. Section 3.12.2.4 FIP updated.
MTAS IMS Centralized Services Management Guide	71/1553-AVA 901 29/9 Uen H	Section 3.3.3.3 Conditional Anchoring Based on Roaming Service Profiles: updated. Section 2.4.8 Network Provided Location Information Retrieval: last paragraph modified. Section 3.5 Network Provided Location Information Retrieval Configuration: modified. Table 3 General Configuration Activities for SDS: mtasSdsCreatePvni added.
MTAS IPv6 Management Guide	76/1553-AVA 901 29/9 Uen G	Reference to "MTAS Node Management Guide" changed to "MTAS VNF Management Guide".
MTAS Media Control Management Guide	19/1553-AVA 901 29/9 Uen F	Updated sections 1.1.4, 2.1.3, 5, and 5.1. Editorial updates.
MTAS MMTel Management Guide	57/1553-AVA 901 29/9 Uen J	Section 3.11 Network Provided Location Information: modified. Section 3.14 Local Ring Back: modified.
MTAS Multiple Languages Management Guide	44/1553-AVA 901 29/9 Uen D	Updated occurrences of mtasMrControllerName to mtasMrfcNodeHostName.
MTAS VNF Management Guide	15/1553-AVA 901 29/9 Uen G	Concept changed from MTAS Node Management Guide to MTAS VNF Management Guide.
MTAS Number Translation Management Guide	77/1553-AVA 901 29/9 Uen F	Updated section 3.6 Activation Mechanism
MTAS Parlay X Management Guide	59/1553-AVA 901 29/9 Uen D	Reference to "MTAS Node Management Guide" changed to "MTAS VNF Management Guide".
MTAS PEM Interworking Service Management Guide	134/1553-AVA 901 29/9 Uen A	<i>New document</i> New document.
MTAS Service Management Guide	2/1553-AVA 901 29/9 Uen F	Reference to "MTAS Node Management Guide" changed to "MTAS VNF Management Guide".
MTAS Session Transfer to Own Device Management Guide	66/1553-AVA 901 29/9 Uen H	Added section 4.2.2.1. Editorial updates.

**Table 15** *Operation and Maintenance/Configuration Management/Configuration OPIs, MTAS*

Title	Identity	Change
MTAS SIP Management Guide	20/1553-AVA 901 29/9 Uen F	Section 1.1.3: condition added. Section 9 updated. Section 12 Failover and Greylisting modified. Added new section 16 SIP Traffic TCP Connection Handling. Added Section 17 Early BYE Transparent. Reference to "MTAS Node Management Guide" changed to "MTAS VNF Management Guide". Updated section 3 Session Case Determination. Corrected link error.
MTAS SIP Trunking Service Management Guide	101/1553-AVA 901 29/9 Uen C	Reference to "MTAS Node Management Guide" changed to "MTAS VNF Management Guide".
MTAS SRVCC Management Guide	69/1553-AVA 901 29/9 Uen G	Section 3.1.1: description of parameter mtasSrvccSccAsUri modified.
MTAS SS7 Management Guide	85/1553-AVA 901 29/9 Uen C	Editorial updates.
MTAS Subscriber Credit Notification Management Guide	130/1553-AVA 901 29/9 Uen D	Section 1.1.3 Conditions: modified.
MTAS Subscriber Data Management Guide	10/1553-AVA 901 29/9 Uen J	Section 5 Caching Contact Data and UE Terminal Type Classification Configuration updated. Updated section 2.2.2 and Query or Purge Examples under section 8.2
MTAS Supplementary Service Codes Management Guide	14/1553-AVA 901 29/9 Uen F	Updated Section 3.2 Announcement Configuration. Added new section 3.2.1 Announcement Configuration for OCB. Table 2: attribute mtasSscRejectFailedServiceCodeCommand added.
MTAS Test Announcement Management Guide	135/1553-AVA 901 29/9 Uen A	<i>New document</i> New document.
MTAS XDMS Management Guide	11/1553-AVA 901 29/9 Uen L	Reference to "MTAS Node Management Guide" changed to "MTAS VNF Management Guide". Section 5. XCAP information modified. Section 5.3 Secure CAI3G Interface: updated.
MTAS VNF Life Cycle Management Guide	131/1553-AVA 901 29/9 Uen F	Section 3 Onboarding: step 3 and step 8 modified. Section 4 Procedures: updated.

**Table 16** *Operation and Maintenance/Configuration Management/Diameter Management*

Title	Identity	Change
Configure Own Node	147/1543-APA 901 44/1 Uen F	Structural changes.
Configure Peer Node and Connections	148/1543-APA 901 44/1 Uen H	Structural changes. Structural changes.
Configure Realm Routing Table	149/1543-APA 901 44/1 Uen H	Structural changes.
Disable Peer Node	151/1543-APA 901 44/1 Uen H	Structural changes.



**Table 17** *Operation and Maintenance/Configuration Management/File Management*

<b>Title</b>	<b>Identity</b>	<b>Change</b>
Fetch File in Logical File System	18/1543-CAA 901 2587/7 Uen B	Structural changes.
Delete File in Logical File System	19/1543-CAA 901 2587/7 Uen D	Updated section: 2 Procedure Structural changes. Updated section: 2 Procedure 2.1 Delete File in Logical File System Structural changes. Editorial update.
List File Groups and File Information in Logical File System	20/1543-CAA 901 2587/7 Uen C	Structural changes. Editorial update.
Configure Preventive Maintenance Policy Deleting Files in Logical File System	21/1543-CAA 901 2587/7 Uen C	Structural changes. Editorial update.
Configure Preventive Maintenance Policy Reporting Alarms for Logical File System	22/1543-CAA 901 2587/7 Uen C	Structural changes. Editorial update.

**Table 18** *Operation and Maintenance/Configuration Management/Transport Management*

<b>Title</b>	<b>Identity</b>	<b>Change</b>
Infrastructure Adaptation	1/1551-ANA 901 39/4 Uen A	New document New document
Change Maximum Transmission Unit Size	9/1543-ANA 901 39/4 Uen A	New document New document based on 194/1543-APA 901 44/1.
Change NTP Address	8/1543-ANA 901 39/4 Uen A	New document New document based on 221/1543-APA 901 44/1.
Add Flow Policy	8/1543-APR 901 0467/3 Uen A	New document New document based on 188/1543-APA 901 44/1.
Add Named Virtual IP Address	6/1543-APR 901 0467/3 Uen A	New document New document based on 2/1543-APA 901 44/2.
Add Virtual IP Address	5/1543-APR 901 0467/3 Uen A	New document New document based on 187/1543-APA 901 44/1.
Add Virtual IP Equivalent Source Address	7/1543-APR 901 0467/3 Uen A	New document New document based on 186/1543-APA 901 44/1.

**Table 19** *Operation and Maintenance/Configuration Management/SS7 Management*

Title	Identity	Change
Signaling Manager User Guide	1553-CNA 403 0874/1 Uen AT	<p>BASEIMP-364: New section for M3-Sctp path monitor in system overview. BASE-21430: Description OAM_PCFCONFIG_REQ and OAM_PCFCONFIG_CONF for TSP was added</p> <p>ch. 7.2 updated according to BASE-21634</p> <p>Chapter 2.1 was updated due to BASE-21707: TSP: Handling missing certificate in Sign Mgr UG</p> <p>105 65-0334/35210 Multi-Process SCTP: Added new instances SCTP_CONTROL and SCTP_SERVER</p> <p>HU83584 TSP Signaling Manager documents remove applet and maveric; HU85876 System Overview tab chapter should be visible for TSP platform; HU88385 TSP: Signaling manager User Guide should be updated; HU91936 Alarm support chapter should be visible for TSP platform in Signalling Manager UG</p> <p>HV25873: Added information about the popup menu option Dependencies, AC for BASEQR-1213.</p> <p>BASEQR-1224</p> <p>105 65-0334/49801: Introduce new role "caf". By default it covers the same text as role "sol". Notes about applicability of Adding/Removing hosts and Setting active ECM have been added.</p> <p>HV91165 SM UG: correct entry about "Set Active ECM"</p>

**Table 20** *Operation and Maintenance/Configuration Management/Parameter Information*

Title	Identity	Change
Parameter Description for Provisioning MTAS MOCs	1/190 84-AVA 901 29/9 Uen C	Section 3.13 MtasCommonDataAccNetwType table 11 updated.
vMTAS Parameter Value Selection Guideline	1/154 43-AVA 901 29/9 Uen E	<p>mtasMrControllerDtmfGrammarFileUrl, mtasMrControllerName removed</p> <p>mtasSipAsGenericPort added under 3.29.31.</p>

**Table 21** *Operation and Maintenance/Configuration Management/Provisioning*

Title	Identity	Change
MTAS CAI3G Interface	22/155 19-AVA 901 18 Uen AA	
MTAS Ut Interface	21/155 19-AVA 901 18 Uen AB	
MTAS Ut Structure	1/190 01-AVA 901 18 Uen E	

**Table 22** *Operation and Maintenance/Health Check*

Title	Identity	Change
MTAS Health Check	53/1543-AVA 901 29/9 Uen L	Updated section 2 with new subsections. Updated Table 1 and section 3.3 BackupList. Removed sections 3.5 CheckComponentVersions and 3.6 CheckOngoingQueryPurge. Added new section 3.17 OngoingQueryPurge. Added new section 3.24 SoftwareVersions; removed sections 3.25 SoftwareVersionInstalled, 3.26 SoftwareVersionsRunning, and 3.29 UpgradeList. Updated section 4.1; removed section 4.2 HcMtasMediumPriority. Updated sections 4.3 and 4.4. Updated sections 2.3 SLA Results and 3.3 BackupList.





**Table 23** *Operation and Maintenance/Performance Management*

<b>Title</b>	<b>Identity</b>	<b>Change</b>
Performance Management	11/1551-APA 901 44/1 Uen J	Structural Changes.
MTAS Performance Measurements	1/1553-AVA 901 29/9 Uen E	Updated sections 2.4, 2.8, and 2.9.
MTAS Performance Indicators	2/154 43-AVA 901 29/9 Uen D	
MTAS Signaling Traffic Performance Indicators	3/154 43-AVA 901 29/9 Uen D	
List Performance Management Groups and Measurement Types	36/1543-CAA 901 2624/4 Uen C	Editorial changes. Stepxmp included in step 2, example 2 boxed. DITA transformation and firm revision.
List Performance Management Jobs	37/1543-CAA 901 2624/4 Uen C	Editorial changes. DITA transformation and firm revision.
Create Measurement Collection Job	32/1543-CAA 901 2624/4 Uen C	Editorial changes in prereq. DITA transformation and firm revision.
Start Measurement Collection Job	38/1543-CAA 901 2624/4 Uen C	Editorial changes in prereq. DITA transformation and firm revision.
Stop Measurement Collection Job	40/1543-CAA 901 2624/4 Uen C	Editorial changes in prereq. DITA transformation and firm revision.
Delete Measurement Collection Job	34/1543-CAA 901 2624/4 Uen C	Editorial changes in prereq. DITA transformation and firm revision.
Create Threshold Monitoring Job	33/1543-CAA 901 2624/4 Uen C	Editorial changes. DITA transformation and firm revision.
Start Threshold Monitoring Job	39/1543-CAA 901 2624/4 Uen C	Editorial changes in prereq. DITA transformation and firm revision.
Stop Threshold Monitoring Job	41/1543-CAA 901 2624/4 Uen C	Editorial changes in prereq. DITA transformation and firm revision.
Delete Threshold Monitoring Job	35/1543-CAA 901 2624/4 Uen C	Editorial changes in prereq. DITA transformation and firm revision.

**Table 24** *Operation and Maintenance/Scaling Management*

<b>Title</b>	<b>Identity</b>	<b>Change</b>
MTAS Scaling Management Guide	119/1553-AVA 901 29/9 Uen K	"MTAS_HOT" changed to "mtas_hot". Section 2.2.2 Traffic Handling: added.

**Table 25** *Operation and Maintenance/Security Management*

<b>Title</b>	<b>Identity</b>	<b>Change</b>
Audit Information	5/1553-APA 901 44/1 Uen C	Structural changes.

**Table 25** *Operation and Maintenance/Security Management*

Title	Identity	Change
Security Management for ECLI, NETCONF and File Transfer Protocols	7/1551-CAA 901 2587/7 Uen A	New document Structural changes Updated sections: 1.4 SSH Authentication 1.5 TLS Authentication
SSH and TLS Protocol Management	1/1551-CRA 119 2163 Uen A	New document Security Management Description 1551-CRA 119 2163 Rev. D is replaced with document SSH and TLS Protocol Management 4/1551-APA 901 44/2 PB6 from CBA SF CPI. DITA preparation done for the base version PB6. Document number changed to SEC number 1/1551-CRA 119 2163.
MTAS Security Guide	122/1553-AVA 901 29/9 Uen G	Updated section 6.3. Added new sections 6.4 and onwards.
Change Administrative State of ECLI, NETCONF, or FTP over TLS	36/1543-CAA 901 2587/7 Uen C	Structural and editorial changes.
Change Administrative State of ECLI or NETCONF over SSH	35/1543-CAA 901 2587/7 Uen C	Structural and editorial changes.
Change Port Number of FTP over TLS	37/1543-CAA 901 2587/7 Uen B	Structural changes.
Change Session Idle Timers of FTP over TLS	38/1543-CAA 901 2587/7 Uen B	Structural changes.
Configure Legal Notice	8/1543-CRA 119 2163 Uen C	Structural changes.
Delete Legal Notice	9/1543-CRA 119 2163 Uen B	Structural changes.
Configure Login Failure Delay	6/1543-CRA 119 2163 Uen B	Structural changes.
Configure Node Credential for ECLI, NETCONF, or FTP over TLS	33/1543-CAA 901 2587/7 Uen D	Structural changes.
Configure SSH Algorithms	7/1543-CRA 119 2163 Uen B	Structural changes.
Configure Target Type Identifiers	3/1543-CRA 119 2163 Uen B	Structural changes.
Configure TLS Ciphers	1/1543-CRA 119 2163 Uen B	Structural changes.
Configure Trust Category for ECLI, NETCONF, or FTP over TLS	34/1543-CAA 901 2587/7 Uen C	Structural changes
Show Supported and Enabled TLS Ciphers	2/1543-CRA 119 2163 Uen B	Structural changes.
View SSH Algorithms	10/1543-CRA 119 2163 Uen C	Structural changes.
View Roles and Rules	23/1543-CAA 901 2587/7 Uen B	Structural changes.
Lock Local Authorization Method	25/1543-CAA 901 2587/7 Uen B	Structural changes.
Unlock Local Authorization Method	24/1543-CAA 901 2587/7 Uen B	Structural changes. Admonition added in procedure.



**Table 25** *Operation and Maintenance/Security Management*

Title	Identity	Change
Create Custom Role	26/1543-CAA 901 2587/7 Uen B	Structural changes.
Change Custom Role	27/1543-CAA 901 2587/7 Uen B	Structural changes.
Delete Custom Role	28/1543-CAA 901 2587/7 Uen B	Structural changes
Create Custom Rule	29/1543-CAA 901 2587/7 Uen B	Structural changes
Change Custom Rule	30/1543-CAA 901 2587/7 Uen B	Structural changes.
Delete Custom Rule	31/1543-CAA 901 2587/7 Uen B	Structural changes

**Table 26** *Operation and Maintenance/Security Management/Certificate Management*

Title	Identity	Change
Certificate Management	1551-CRA 119 1933 Uen D	DITA prepared.
Cancel Offline Enrollment	12/1543-CRA 119 1933 Uen C	Structural changes.
Generate Fingerprint for File	14/1543-CRA 119 1933 Uen C	Editorial update. Editorial update. Structural changes.
Install or Renew Node Credential by CSR	11/1543-CRA 119 1933 Uen H	Restructured for DITA. Editorial and structural changes. Updated copyright year.. Added information about chain certificates to description.
Install or Renew Node Credential by PKCS 12	13/1543-CRA 119 1933 Uen E	Prepared for DITA. Editorial updates. Corrected copyright year. Added information about chain certificates to description.
Configure Enrollment Authority	20/1543-CRA 119 1933 Uen C	Structural changes.
Change Enrollment Server	22/1543-CRA 119 1933 Uen C	Structural changes.
Configure Enrollment Server Group Together with Enrollment Servers	21/1543-CRA 119 1933 Uen C	Structural changes.
Configure Renewal Mode of Node Credential	25/1543-CRA 119 1933 Uen C	Structural changes.
Delete Enrollment Authority	27/1543-CRA 119 1933 Uen D	Restructured for DITA. Corrected metadata. Corrected copyright year Added information on removing reservedBy references.
Delete Enrollment Server	26/1543-CRA 119 1933 Uen C	Structural changes.
Delete Enrollment Server Group	28/1543-CRA 119 1933 Uen D	Restructured for DITA. Corrected metadata. Corrected copyright year.. Changed for SEC 2.5 release.
Install Node Credential Online	23/1543-CRA 119 1933 Uen D	Restructured for DITA. Corrected metadata. Corrected copyright year. Added information about chain certificates to description.

**Table 26** *Operation and Maintenance/Security Management/Certificate Management*

Title	Identity	Change
Renew Node Credential Online	24/1543-CRA 119 1933 Uen C	Structural changes.
Delete Node Credential	29/1543-CRA 119 1933 Uen C	Structural changes.
Change Trust Category	32/1543-CRA 119 1933 Uen C	Structural changes.
Create Trust Category	31/1543-CRA 119 1933 Uen C	Structural changes.
Delete Trust Category	33/1543-CRA 119 1933 Uen C	Structural changes.
Delete Trusted Certificate	36/1543-CRA 119 1933 Uen D	Restructured for DITA. Corrected metadata. Corrected copyright year. Changes for reservedByCategory deprecation.
Disable Trusted Certificate	34/1543-CRA 119 1933 Uen C	Structural changes.
Enable Trusted Certificate	35/1543-CRA 119 1933 Uen C	Structural changes.
Install Trusted Certificate	30/1543-CRA 119 1933 Uen D	Structural changes.

**Table 27** *Operation and Maintenance/Security Management/LDAP Authentication Management*

Title	Identity	Change
View LDAP Configuration	1/1543-CRA 119 2164 Uen B	Structural changes.
Lock LDAP Authentication Method	3/1543-CRA 119 2164 Uen B	Structural changes.
Unlock LDAP Authentication Method	2/1543-CRA 119 2164 Uen B	Structural changes.
Configure Ericsson LDAP Filter	12/1543-CRA 119 2164 Uen B	Structural changes.
Configure Flexible LDAP Filter	10/1543-CRA 119 2164 Uen B	Structural changes.
Configure LDAP Basic Connection	7/1543-CRA 119 2164 Uen B	Structural changes.
Configure LDAP Simple Bind	4/1543-CRA 119 2164 Uen D	Structural changes.
Configure POSIX LDAP Filter	11/1543-CRA 119 2164 Uen B	Structural changes.
Configure Target-Based Access Control	6/1543-CRA 119 2164 Uen D	Structural changes.
Configure TLS for LDAP	5/1543-CRA 119 2164 Uen D	Structural changes.

**Table 28** *Operation and Maintenance/Security Management/Local Authentication Management*

Title	Identity	Change
Create User Account	17/1543-CRA 119 1962 Uen D	Structural changes and editorial updates.
Change User Account	18/1543-CRA 119 1962 Uen B	Structural changes.
Delete User Account	19/1543-CRA 119 1962 Uen B	Structural changes.
Create Password Policy	10/1543-CRA 119 1962 Uen B	Structural changes.
Change Password Policy	11/1543-CRA 119 1962 Uen B	Structural changes.



**Table 28** *Operation and Maintenance/Security Management/Local Authentication Management*

Title	Identity	Change
Delete Password Policy	12/1543-CRA 119 1962 Uen B	Structural changes.
Change Password Quality Configuration	13/1543-CRA 119 1962 Uen B	Structural changes.
Remove Password from User Account	5/1543-CRA 119 1962 Uen B	Structural changes. Added optional Step 5 to remove password policy reference in Procedure.
Reset Password for User Account	20/1543-CRA 119 1962 Uen C	Structural changes. Prerequisite added: Reference to PasswordPolicy MO is set.
Create Account Policy	14/1543-CRA 119 1962 Uen B	Structural changes.
Change Account Policy	15/1543-CRA 119 1962 Uen B	Prepared for DITA.
Delete Account Policy	16/1543-CRA 119 1962 Uen B	Structural changes.
Lock User Account Administratively	22/1543-CRA 119 1962 Uen B	Structural changes.
Set User Roles for User Account	21/1543-CRA 119 1962 Uen D	Structural changes. Added impact from MR SEC: align to ECIM SecM User Guide Rev. C; updated required permissions for Local Authentication Administrator role.
Unlock Administrative Lock for User Account	23/1543-CRA 119 1962 Uen B	Structural changes.
Unlock Operational Lock for User Account	24/1543-CRA 119 1962 Uen B	Structural changes plus added information about passwordState.
Change SSH Public Key	3/1543-CRA 119 1962 Uen C	Structural changes.
Create SSH Public Key	2/1543-CRA 119 1962 Uen C	Structural changes.
Delete SSH Public Key	4/1543-CRA 119 1962 Uen B	Structural changes.
Change Administrator Account	30/1543-CRA 119 1962 Uen B	Structural changes.

**Table 29** *Operation and Maintenance/SW Management*

Title	Identity	Change
Software Management	2/1551-APR 901 0444/4 Uen F	Update related to MR52142, replacing commit with confirm globally, and removing lines with SwVersionMain.  Updated section 2 Functions and Concepts, according to MR53658.  Structural and editorial changes
Software Inventory Management	1/1551-APR 901 0444/4 Uen C	Structural changes.
View Software Information	42/1543-CAA 901 2624/4 Uen C	DITA transformation & firm revision.
Activate Upgrade	53/1543-CAA 901 2624/4 Uen C	Updated section 2 procedure according to MR52142 DITA Transformation and firm revision.
Prepare Upgrade Package	44/1543-CAA 901 2624/4 Uen J	Update to section 2 Procedure based on HW16686. Updated section 1 Introduction according to MR53658. DITA transformation and firm revision.
Cancel Upgrade Operation	43/1543-CAA 901 2624/4 Uen D	Updated section 2 procedure according to MR52142 DITA transformation and firm revision.

**Table 29** *Operation and Maintenance/SW Management*

Title	Identity	Change
Delete Upgrade Package	48/1543-CAA 901 2624/4 Uen D	Updated section 2 Procedure according to MR52142. DITA transformation and firm revision. Update section 2.1 based on TR HW24432.
Delete Inactive Software Version	47/1543-CAA 901 2624/4 Uen C	Updated section 2 Procedure according to MR52142. DITA transformation and firm revision.

**Table 30** *Operation and Maintenance/SW Management/Backup and Restore*

Title	Identity	Change
System Backup and Restore	2/1551-CAA 901 2624/4 Uen G	Initial DITA preparations; structural and editorial changes. Removed MOM section.
Cancel Backup and Restore Operation	10/1543-CAA 901 2624/4 Uen C	DITA transformation and firm revision.
Create Backup	11/1543-CAA 901 2624/4 Uen C	DITA transformation and firm revision.
Delete Backup	13/1543-CAA 901 2624/4 Uen C	DITA transformation and firm revision.
List Backups	14/1543-CAA 901 2624/4 Uen B	DITA transformation and firm revision.
View Progress Report	15/1543-CAA 901 2624/4 Uen B	Editorial changes. Acro. DITA transformation and firm revision.
Schedule Single Backup	16/1543-CAA 901 2624/4 Uen B	DITA transformation and firm revision.
Schedule Backups Based on Calendar Event	17/1543-CAA 901 2624/4 Uen B	DITA transformation and firm revision.
Schedule Backup Based on Periodic Event	18/1543-CAA 901 2624/4 Uen B	DITA transformation and firm revision.
Change Housekeeping Strategy for Scheduled Backup	54/1543-CAA 901 2624/4 Uen B	Admin changes. DITA transformation and firm revision.
Change Scheduled Backup Name	19/1543-CAA 901 2624/4 Uen B	Admin changes. DITA transformation and firm revision.
Delete Scheduled Event	21/1543-CAA 901 2624/4 Uen B	Admin changes. DITA transformation and firm revision.
Set Maximum Number of Scheduled Backups	20/1543-CAA 901 2624/4 Uen B	Admin changes. DITA transformation and firm revision.
Lock Backup Scheduler	22/1543-CAA 901 2624/4 Uen B	Admin changes. DITA transformation and firm revision.
Unlock Backup Scheduler	23/1543-CAA 901 2624/4 Uen B	DITA transformation and firm revision.
Change Manual Backup Name	31/1543-CAA 901 2624/4 Uen B	Admin changes. DITA transformation and firm revision.



**Table 30** *Operation and Maintenance/SW Management/Backup and Restore*

<b>Title</b>	<b>Identity</b>	<b>Change</b>
Change Maximum Number of Manual Backups	24/1543-CAA 901 2624/4 Uen B	Admin changes. DITA transformation and firm revision.
Enable Automatic Deletion of Manual Backups	25/1543-CAA 901 2624/4 Uen B	Admin changes. DITA transformation and firm revision.
Disable Automatic Deletion of Manual Backups	26/1543-CAA 901 2624/4 Uen B	Admin changes. DITA transformation and firm revision.
Change Prefix for Exported Backup Names	29/1543-CAA 901 2624/4 Uen B	Admin changes. DITA transformation and firm revision.
Export Backup	28/1543-CAA 901 2624/4 Uen D	Update to Section 2 Procedure based on HW11380. DITA transformation and firm revision.
Import Backup	27/1543-CAA 901 2624/4 Uen G	Updated section 2 Procedure based on HW11380. DITA transformation and firm revision. Clarification in section 1 Introduction note.
Set Automatic Export of Scheduled Backups	30/1543-CAA 901 2624/4 Uen C	DITA transformation and firm revision. Updated section 2.1 according to TR HW24854.

**Table 31** *Operation and Maintenance/SW Management/License Management*

<b>Title</b>	<b>Identity</b>	<b>Change</b>
License Management	8/1551-AVA 901 29/9 Uen C	Section 2.1.1 Autonomous Mode: updated with new time. Section 2.1.3 Integration Unlock Mode: updated with new value for unlock mode period. Section 2.1.4 Locked Mode: updated to 7 days Autonomous mode window. Reference to "Update License Information" modified.
MTAS Licenses	1/1555-AVA 901 29/9 Uen H	Table 2 updated with Lawful Interception. Section 4.8 Communication Interworking Function NW AS Base: modified. Section 4.10 Lawful Interception: added. Section 4.19 SIP Trunking AS Base: modified. Table 1 updated.
View License Information	7/1543-APR 901 0503/6 Uen A	<i>New document</i>
Activate Emergency Unlock Mode	8/1543-APR 901 0503/6 Uen A	<i>New document</i>
Deactivate Emergency Unlock Mode	9/1543-APR 901 0503/6 Uen A	<i>New document</i>
Replenish Emergency Unlock Activations	10/1543-APR 901 0503/6 Uen A	<i>New document</i>
Configure Connection to NeLS	11/1543-APR 901 0503/6 Uen A	<i>New document</i>

**Table 32** *Operation and Maintenance/Managed Object Management/Managed Object Model*

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

## 2.1.6 Interface

**Table 33** *Interface*

Title	Identity	Change
ACR Storage in MTAS	15/155 19-AVA 901 18 Uen K	
Diameter Communication Details in MTAS	14/155 19-AVA 901 18 Uen H	
Diameter Offline Charging in MTAS	13/155 19-AVA 901 18 Uen V	
Diameter Online Charging in MTAS	11/155 19-AVA 901 18 Uen V	
Ericsson Alarm Interface	8/155 19-CAA 901 2587/7 Uen A	New document New document.
Ericsson Command-Line Interface	4/155 19-CAA 901 2587/7 Uen E	Updated sections: 2.1 CLI Modes 2.4.6 Interpretation of CLI Commands Updated section: 3 CLI Commands 3.1 Summary of CLI Commands 3.13.1 Filter Command Added section: 3.13.5 Format Command
Ericsson NETCONF Interface	2/155 19-CAA 901 2587/7 Uen E	Updated section: 11.6.1 Notification <CMSynchronizationRecommended>
eVIP Internetworking	1/155 19-APR 901 0467/3 Uen E	New document
LDAP-Based Authentication and Authorization Interface	1/155 19-CRA 119 2164 Uen F	New chapter nr. 7 added from the LDAP Authentication Management Description, which is removed from SEC Library. Chapter 5.1 LDAP Authentication Behavior updated with information about uid case sensitivity handling.
MTAS CAP Support	28/155 19-AVA 901 18 Uen K	
MTAS Interface to CSCF (ISC, Ma, Pw)	3/155 19-AVA 901 18 Uen U	
MTAS, Offline Charging, version 1	2/190 04-AVA 901 18 Uen S	
MTAS, Offline Charging, version 2	5/190 04-AVA 901 18 Uen S	
MTAS, Offline Charging, version 3	15/190 04-AVA 901 18 Uen K	





Table 33 Interface

Title	Identity	Change
MTAS, Online Charging, version 1	3/190 04-AVA 901 18 Uen S	
MTAS, Online Charging, version 2	6/190 04-AVA 901 18 Uen N	
MTAS, Online Charging, version 3	16/190 04-AVA 901 18 Uen K	
Performance Management Report File Format	1/155 19-CAA 901 2587/7 Uen C	Updated section: 3 Supported XML Elements and Attributes.
Sh/Dh interface	9/155 19-AVA 901 18 Uen K	
vDicos Provisioning LDAP Interface Description	1/155 19-CXC 173 7628/4 Uen B	New document

Table 34 Interface/Alarm SNMP MIBs

Title	Identity	Change
ERICSSON-ALARM-MIB	5/196 03-CXC 172 7549 Uen E	
ERICSSON-ALARM-TC-MIB	3/196 03-CXC 172 7549 Uen E	
ERICSSON-TC-MIB	2/196 03-CXC 172 7549 Uen D	

Table 35 Interface/Events

Title	Identity	Change
eVIP Configuration Fault	19/1551-APA 901 44/1 Uen C	Structural changes.
HeartBeat	1/1551-CAA 901 2587/7 Uen C	Structural changes.
AlarmListRebuilt	2/1551-CAA 901 2587/7 Uen C	Structural changes.

Table 36 Interface/NETCONF XML

Title	Identity	Change
NETCONF XML Schemas	190 89-LZN 708 0601 Uen H	

## 2.2 Removed Documents

Table 37 Documents Removed from Library

Title	Identity	Comment
Library Changes	109 45-EN/LZN 765 0163/9-7 Uen A	
vMTAS Network Impact Report from 1.4 to 1.9	19/109 48-AVA 901 29/9-8 Uen A	
vMTAS Network Impact Report from 1.5 to 1.9	20/109 48-AVA 901 29/9-8 Uen A	
vMTAS Network Impact Report from 1.6 to 1.9	21/109 48-AVA 901 29/9-8 Uen A	

*Table 37 Documents Removed from Library*

Title	Identity	Comment
vMTAS Network Impact Report from 1.7 to 1.9	22/109 48-AVA 901 29/9-8 Uen A	
vMTAS Network Impact Report from 1.8 to 1.9	23/109 48-AVA 901 29/9-8 Uen B	
vMTAS Upgrade Information from 1.4.2, 1.5.1, 1.6.1, 1.7.2, and 1.8 to 1.9	2/153 72-AVA 901 29/9-8 Uen A	
A Fallback Operation will soon be started	98/1543-APA 901 44/1 Uen E	
COM SA, AMF Component Cleanup Failed	42/1543-APA 901 44/1 Uen D	
COM SA, AMF Component Instantiation Failed	43/1543-APA 901 44/1 Uen E	
COM SA, AMF SI Unassigned	44/1543-APA 901 44/1 Uen E	
COM SA, CLM Cluster Node Unavailable	45/1543-APA 901 44/1 Uen E	
COM SA, MDF Detected Model Error	142/1543-APA 901 44/1 Uen D	
COM SA, Proxy Status of a Component Changed to Unproxied	46/1543-APA 901 44/1 Uen D	
License Management, Autonomous Mode Activated	5/1543-APA 901 44/2 Uen C	
License Management, Emergency Unlock Reset Key Required	7/1543-APA 901 44/2 Uen C	
LOTIC, Disk Replication Communication	137/1543-APA 901 44/1 Uen F	
LOTIC, Disk Replication Consistency	130/1543-APA 901 44/1 Uen F	
LOTIC, Disk Usage	131/1543-APA 901 44/1 Uen G	
LOTIC, Ethernet Bonding	132/1543-APA 901 44/1 Uen G	
LOTIC, Memory Usage	133/1543-APA 901 44/1 Uen G	
LOTIC, Time Synchronization	134/1543-APA 901 44/1 Uen H	
MMAS, CPU Load Limit Exceeded	183/1543-APA 901 44/1 Uen C	
MMAS, Heap Memory Load Limit Exceeded	182/1543-APA 901 44/1 Uen C	
SS7 CAF AS State Change	142/1543-CSA 121 20/1 Uen A	
SS7 CAF Congestion Status Change	16/1543-CAA 901 2467 Uen B	
SS7 CAF Connections Exceed High Threshold	6/1543-CAA 901 2467 Uen B	
SS7 CAF Link Deactivated	17/1543-CAA 901 2467 Uen B	



**Table 37 Documents Removed from Library**

Title	Identity	Comment
SS7 CAF Link out of Service	3/1543-CAA 901 2467 Uen B	
SS7 CAF Local Link Congestion	18/1543-CAA 901 2467 Uen C1	
SS7 CAF Low Link Availability	5/1543-CAA 901 2467 Uen B	
SS7 CAF OAM Connection Lost	127/1543-CSA 121 20/1 Uen A	
SS7 CAF Process Down	128/1543-CSA 121 20/1 Uen A	
SS7 CAF SCTP IP Path is Down	114/1543-CSA 121 20/1 Uen B	
SS7 CAF SP State Change	143/1543-CSA 121 20/1 Uen A	
SS7 CAF SSC Received	9/1543-CAA 901 2467 Uen B1	
SS7 CAF Start Process Failed	129/1543-CSA 121 20/1 Uen A	
LEM Error Dump And Log User Guide	1/1553-CXP 903 0882 Uen C	
Change Maximum Transmission Unit Size	194/1543-APA 901 44/1 Uen A	
Add Flow Policy	188/1543-APA 901 44/1 Uen B	
Add Named Virtual IP Address	2/1543-APA 901 44/2 Uen A	
Add Virtual IP Address	187/1543-APA 901 44/1 Uen C	
Add Virtual IP Equivalent Source Address	186/1543-APA 901 44/1 Uen C	
Change NTP Server Address	221/1543-APA 901 44/1 Uen A	
Security Management for ECLI, NETCONF and File Transfer Protocols	3/1551-APA 901 44/2 Uen B	
SSH and TLS Protocol Management	4/1551-APA 901 44/2 Uen A	
Update License Information	27/1543-APA 901 44/1 Uen E	
View License Information	141/1543-APA 901 44/1 Uen E	
Activate Emergency Unlock Mode	21/1543-APA 901 44/1 Uen F	
Deactivate Emergency Unlock Mode	22/1543-APA 901 44/1 Uen E	
Replenish Emergency Unlock Activations	25/1543-APA 901 44/1 Uen F	
Configure Connection to NeLS	8/1543-APA 901 44/2 Uen C	
Cname Interface in MTAS	4/155 19-AVA 901 18 Uen B	
eVIP Internetworking	1/155 19-APR 901 0467/1 Uen F	
vDicos Provisioning LDAP Interface Description	1/155 19-CXC 173 7628 Uen A1	