

Library Changes

MTAS

LIBRARY REVISION INFORMATION

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Contents

1	Introduction	1
2	Description of Changes	1
2.1	New and Changed Documents	1
2.1.1	Library Overview	1
2.1.2	Product Overview	2
2.1.3	Planning	2
2.1.4	Installation	3
2.1.5	Operation and Maintenance	3
2.1.6	Interface	12
2.2	Removed Documents	14





1 Introduction

This document shows the changes in the vMTAS 1.6 library between the following releases:

From vMTAS 1.5 R4A, EN/LZN 765 0163/9 R4A

To vMTAS 1.6 R5A, EN/LZN 765 0163/9 R5A

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	1/0033-AVA 901 29/9 Uen D	CpuSteal and SLA updated
Library Changes	109 45-EN/LZN 765 0163/9-4 Uen A	New document
MTAS Library Overview	1551-EN/LZN 765 0163/9 Uen E	



2.1.2 Product Overview

Table 2 Product Overview

Title	Identity	Change
Free and Open Source Software	1/0962-AVA 901 29/9 Uen D	Updated version of DBS, eVIP, MMAS, LM, Apache Thrift, VDicosEE, LDEwSLES, TRACE EA, JavaOAM, SEC, SECCERT/SECCRYPTO, CDF, Expat XML Parser, LibXML2m COM x86_64, OpenSAF, Core MW x86_64. iPXE added. Removed, cheetah, Llvn, OpenSSL. Removed SECCERT/SECCRYPTO, pyinotify added
vMTAS 1 Technical Product Description Common Features	1/221 02-FGC 101 3266 Uen B	
MTAS 17B Technical Product Description MMTel AS	2/221 02-FGC 101 2990 Uen G	
MTAS 17B Technical Product Description SCC AS	3/221 02-FGC 101 2990 Uen D	

Table 3 Product Overview/Statement of Compliance/MTAS

Title	Identity	Change
MTAS Statement of Compliance Overview	1/174 02-AVA 901 29/9 Uen F	Updates in Table 1 and 5, Section 4.1 updated.

Table 4 Product Overview/Statement of Compliance/SS7 Signalling

Title	Identity	Change
SS7 CAF Statement of Compliance Overview	2/174 02-ANA 901 37 Uen D	Updated for SS7CAF5.1 PRA. SoCs related to SAAL and MTPL2 modules are removed. Reference list updated.
ISUP UK	10/174 02-CAA 201 80 Uen D	New document
SCTP	1/174 02-CAA 901 548 Uen G2	The following modification has been done in the scope of HU95089: note 44 has been updated.
SCTP IETF RFC 1191, RFC 1981, RFC 4820, RFC 4821	2/174 02-CAA 901 548 Uen B1	New document
SCTP IETF RFC 5062	4/174 02-CAA 901 548 Uen B	New document

2.1.3 Planning

Table 5 Planning

Title	Identity	Change
vMTAS Network Impact Report from 1.4 to 1.6	19/109 48-AVA 901 29/9-5 Uen B	New document
vMTAS Network Impact Report from 1.5 to 1.6	20/109 48-AVA 901 29/9-5 Uen C	New document



2.1.4 Installation

Table 6 Installation

Title	Identity	Change
vMTAS Upgrade Information from 1.4.2 and 1.5.1 to 1.6	2/153 72-AVA 901 29/9-5 Uen A	New document New document for vMTAS 1.6

2.1.5 Operation and Maintenance

Table 7 Operation and Maintenance

Title	Identity	Change
Ericsson Command-Line Interface User Guide	6/1553-CAA 901 2587/7 Uen A	New document New document number.

Table 8 Operation and Maintenance/Fault Management

Title	Identity	Change
Fault Management	3/1551-CAA 901 2587/7 Uen A	New document New document number
Check Alarm Status	13/1543-CAA 901 2587/7 Uen A	New document New document number. Example in section 2 Procedure modified.
Change Alarm Type Severity	14/1543-CAA 901 2587/7 Uen A	New document New document number
Change Heartbeat Interval	32/1543-CAA 901 2587/7 Uen A	New document New document number
Create SNMPv1 Target	6/1543-CAA 901 2587/7 Uen A	New document New document number.
Create SNMPv2C Target	7/1543-CAA 901 2587/7 Uen A	New document New document number.
Create SNMPv3 Target	8/1543-CAA 901 2587/7 Uen A	New document New document number
Create SNMP View	12/1543-CAA 901 2587/7 Uen A	New document New document number.
Delete SNMP Target	9/1543-CAA 901 2587/7 Uen A	New document New document number.
Disable SNMP Target	10/1543-CAA 901 2587/7 Uen A	New document New document number
Enable SNMP Target	11/1543-CAA 901 2587/7 Uen A	New document New document number

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

Title	Identity	Change
BRM, Auto Export Manual Backup Failed	49/1543-CAA 901 2624/4 Uen A	New document First release.
BRM, Scheduled Backup Failed	8/1543-CAA 901 2624/4 Uen B	Firm revision for release.
COM SA, AMF Component Instantiation Failed	43/1543-APA 901 44/1 Uen E	Editorial update.
COM SA, AMF SI Unassigned	44/1543-APA 901 44/1 Uen E	Editorial update.
File Management, Number of Files in FileGroup Exceeded	3/1543-CAA 901 2587/7 Uen C	New document
File Management, Max Size in FileGroup Exceeded	5/1543-CAA 901 2587/7 Uen C	New document
License Management, Capacity Usage Threshold Reached	102/1543-APA 901 44/1 Uen D	New document
License Management, License Key Not Available	105/1543-APA 901 44/1 Uen E	New document
LOTC, Time Synchronization	134/1543-APA 901 44/1 Uen H	Editorial updates. Changes in Procedure, section 2.5.
vDicos, Diameter Own Node Disabled	143/1543-APA 901 44/1 Uen H	Updated procedure.

Table 10 *Operation and Maintenance/Fault Management/Troubleshooting Information*

Title	Identity	Change
MTAS AppTrace	26/1553-AVA 901 29/9 Uen F	Updated sections 2, 3, 4, 5, 7. Added new section 3.8 Updated sections 2, 3, 4, 5, 7. Added new section 3.8. ShRequestProcessNew.1101921 changed to ShRequestProcessNew.1126639.
MTAS Error Dump	111/1553-AVA 901 29/9 Uen D	Editorial update
MTAS Network Tracing	63/1553-AVA 901 29/9 Uen E	Section 3.1.1 step 4 updated, Section 3.1.2 step 1,2,3 updated, Section 3.1.3.1 step 2,3 updated, Section 3.1.3.2 step 2,3 updated, Section 3.1.3.3 step 2, 3 updated, Section 3.1.3.4 step 2,3 updated, Section 3.1.4 step 2 updated. Section 3.1.1 step 4 updated, Section 3.1.2 step 1,2,3 updated, Section 3.1.3.1 step 2,3 updated, Section 3.1.3.2 step 2,3 updated, Section 3.1.3.3 step 2, 3 updated, Section 3.1.3.4 step 2,3 updated, Section 3.1.4 step 2 updated. Section 2.1.4 editorial updates.
MTAS Troubleshooting Guideline	1/154 51-AVA 901 29/9 Uen G	Editorial updates. Added section 2.5 and 3.6

Table 11 *Operation and Maintenance/Fault Management/Data Collection*

Title	Identity	Change
Data Collection Guideline for MTAS	70/1543-AVA 901 29/9 Uen D	Section 4.1 and 3.2.2 updated. Updated in Section 3.2.X



Table 12 Operation and Maintenance/Configuration Management

Title	Identity	Change
Check General System Attributes	15/1543-CAA 901 2587/7 Uen A	New document New document number
List Supported XML Model Files	16/1543-CAA 901 2587/7 Uen A	New document New document number
Push XML Model File to Remote File Location	17/1543-CAA 901 2587/7 Uen A	New document New document number

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

Title	Identity	Change
vMTAS Master Parameter Value List	1/190 73-AVA 901 29/9 Uen F	
vMTAS Master Parameter Value List for Performance Management	2/190 73-AVA 901 29/9 Uen A	New document

Table 14 Operation and Maintenance/Configuration Management/Configuration OPIs, MTAS

Title	Identity	Change
MTAS Announcement Management Guide	30/1553-AVA 901 29/9 Uen E	Changed the title of section 3.16, attributes updated in section 3.15 table 33
MTAS Call Return Management Guide	79/1553-AVA 901 29/9 Uen B	Updated section 3.2 Table 1, Section 2 Overview updated. Section 2.1.3 Start Call Return Erasure added. Section 2.1.6 Charging for Call Return updated. Section 3.3 Announcement Configuration updated.
MTAS Calling Party Category Management Guide	53/1553-AVA 901 29/9 Uen C	New revision due to Eridoc fail
MTAS CAPv2 Management Guide	74/1553-AVA 901 29/9 Uen D	Updated section 2.2, 2.13.1, 2.14.12, 3.2
MTAS Communication Completion Management Guide	27/1553-AVA 901 29/9 Uen D	Added new section 3.3.1
MTAS Communication Diversion Management Guide	35/1553-AVA 901 29/9 Uen D	Updated the table in section 12.3.
MTAS Customized Alerting Tones Management Guide	68/1553-AVA 901 29/9 Uen C	Copyright year updated. Section 3.1 Configuration Activities Table 1 with new Attribute mtasCatUntilDiversionResponse.
MTAS Dialed Number Mapping Management Guide	70/1553-AVA 901 29/9 Uen E	Section 3.5 updated
MTAS External Network Configuration	43/1553-AVA 901 29/9 Uen D	Updated section 3.2, 5.3
MTAS Flexible Communication Distribution Management Guide	31/1553-AVA 901 29/9 Uen E	Added new section 4.13 Section 2.3 Distribution to Primary User's Devices updated. Added new section 4.13
MTAS Hold Communication Management Guide	37/1553-AVA 901 29/9 Uen C	Updated section 2.1.4

Table 14 *Operation and Maintenance/Configuration Management/Configuration OPIs, MTAS*

Title	Identity	Change
MTAS Identity Presentation Management Guide	38/1553-AVA 901 29/9 Uen C	Updated sections 2.1.6 and 3.12.1.6. Added new 2.4.17
MTAS IPv6 Management Guide	76/1553-AVA 901 29/9 Uen E	Editorial update Broken link to SW Installation fix
MTAS Media Control Management Guide	19/1553-AVA 901 29/9 Uen C	Copyright year updated. Updates in section 4.2 Select IP Protocol Version on the Mp Interface
MTAS MMTel Management Guide	57/1553-AVA 901 29/9 Uen E	Section 3.8 Local Ring Back updated
MTAS MMTel Service Profiles Management Guide	60/1553-AVA 901 29/9 Uen B	Updated section 2.1.1.2
MTAS Node Management Guide	15/1553-AVA 901 29/9 Uen E	Link replaced from "Security Management for ECLI, NETCONF, and SFTP Users" to "User Management"
MTAS Number Portability Management Guide	67/1553-AVA 901 29/9 Uen C	Section 2 and 3 updated
MTAS Number Translation Management Guide	77/1553-AVA 901 29/9 Uen C	Updated section 3.6
MTAS Operation and Maintenance Guide	117/1553-AVA 901 29/9 Uen H	Section 5.4 updated, new section 5.6.1 added. Section 10 updated. Link to Security Management for ECLI, NETCONF, and SFTP Users replaced with User Management Link to Security Management for ECLI, NETCONF, and SFTP Users replaced with User Management. Section 10 Performance Management broken link to Preparing MTAS Configuration Files Using Parameter Database fixed.
MTAS Operator Controlled Transfer Management Guide	92/1553-AVA 901 29/9 Uen C	Updated section 3.2
MTAS Priority Services Management Guide	98/1553-AVA 901 29/9 Uen E	New section added 3.3.2.9 and 3.3.2.10
MTAS SIP Management Guide	20/1553-AVA 901 29/9 Uen D	Copyright year updated. Section 15 Keep-alive Mechanism updated.
MTAS SIP Upstream Overload Control Management Guide	129/1553-AVA 901 29/9 Uen B	Updated section 3.2, 2.1
MTAS SRVCC Management Guide	69/1553-AVA 901 29/9 Uen D	Updated section 2.1.1
MTAS Subscriber Credit Notification Management Guide	130/1553-AVA 901 29/9 Uen A	New document New document
MTAS Subscriber Data Management Guide	10/1553-AVA 901 29/9 Uen F	Updated section 2.1, 2.2, 2.3, 2.4, 3, 4, 5
MTAS Supplementary Service Codes Management Guide	14/1553-AVA 901 29/9 Uen C	Copyright year updated. Section 2.4.2 updated. Section 4.1 Table 2 "Call Return" updated. Section 4.2.26 updated.
MTAS XDMS Management Guide	11/1553-AVA 901 29/9 Uen F	Section 5 updated Link replaced from Security Management for ECLI, NETCONF, and SFTP Users to User Management
MTAS Wholesale Support Management Guide	45/1553-AVA 901 29/9 Uen B	Updated section 2 and 2.1.2.2.



Table 15 Operation and Maintenance/Configuration Management/File Management

Title	Identity	Change
File Management	5/1551-CAA 901 2587/7 Uen A	New document New document number. Updated section: 4 Configuration Management
Delete File in Logical File System	19/1543-CAA 901 2587/7 Uen A	New document New document number
Fetch File in Logical File System	18/1543-CAA 901 2587/7 Uen A	New document New document number
List File Groups and File Information in Logical File System	20/1543-CAA 901 2587/7 Uen A	New document New document number
Configure Preventive Maintenance Policy Deleting Files in Logical File System	21/1543-CAA 901 2587/7 Uen A	New document New document number
Configure Preventive Maintenance Policy Reporting Alarms for Logical File System	22/1543-CAA 901 2587/7 Uen A	New document New document number

Table 16 Operation and Maintenance/Configuration Management/Transport Management

Title	Identity	Change
Virtual IP Address Management	17/1551-APA 901 44/1 Uen A2	Updated link to User Management. Updated sections 2 and 2.1 with Named VIP information.
Add Named Virtual IP Address	2/1543-APA 901 44/2 Uen A	New document First release

Table 17 Operation and Maintenance/Configuration Management/Provisioning

Title	Identity	Change
MTAS CAI3G Interface	22/155 19-AVA 901 18 Uen U	
MTAS Examples of Provisioning Requests	4/190 01-AVA 901 18 Uen J	
MTAS Service Data Structure	2/190 01-AVA 901 18 Uen L	
MTAS Ut Interface	21/155 19-AVA 901 18 Uen V	

Table 18 Operation and Maintenance/Health Check

Title	Identity	Change
MTAS Health Check	53/1543-AVA 901 29/9 Uen G	Updated section 2.3 Health Check Results, 3.22 SecurityStatus, 3.19, SS7Connections, 3.20 Sla, 3.7 DiameterPortsStatus, 3.10 eVip, 3.22 SoftwareInventory, 3.23 SoftwareVersionsInstalled, 3.24 SoftwareVersionsRunning.

Table 19 Operation and Maintenance/Performance Management

Title	Identity	Change
Performance Management	11/1551-APA 901 44/1 Uen H	Section 2.1. Limit on collection job modification deleted.
MTAS Performance Measurements	1/1553-AVA 901 29/9 Uen B	New document
MTAS Performance Indicators	2/154 43-AVA 901 29/9 Uen A	New document
MTAS Signaling Traffic Performance Indicators	3/154 43-AVA 901 29/9 Uen A	New document
List Performance Management Groups and Measurement Types	36/1543-CAA 901 2624/4 Uen B	New document
List Performance Management Jobs	37/1543-CAA 901 2624/4 Uen B	New document
Create Measurement Collection Job	32/1543-CAA 901 2624/4 Uen B	New document
Delete Measurement Collection Job	34/1543-CAA 901 2624/4 Uen B	New document
Start Measurement Collection Job	38/1543-CAA 901 2624/4 Uen B	New document
Stop Measurement Collection Job	40/1543-CAA 901 2624/4 Uen B	New document
Create Threshold Monitoring Job	33/1543-CAA 901 2624/4 Uen B	New document
Start Threshold Monitoring Job	39/1543-CAA 901 2624/4 Uen B	New document
Stop Threshold Monitoring Job	41/1543-CAA 901 2624/4 Uen B	New document
Delete Threshold Monitoring Job	35/1543-CAA 901 2624/4 Uen B	New document

Table 20 Operation and Maintenance/Scaling Management

Title	Identity	Change
MTAS Scaling Management Guide	119/1553-AVA 901 29/9 Uen F	<p>New section 3.5 Scaling Management from Cloud added. Updated sections 3.2.2 and 3.3.4. Section 3.1.3 Remove MRFP Links removed. Section 3.5 Scaling Management from Cloud with Heat Orchestration. Section 3.6 Post Activities removed.</p> <p>New section 3.5 Scaling Management from Cloud added. Updated sections 3.2.2 and 3.3.4. Section 3.1.3 Remove MRFP Links removed. Section 3.5 Scaling Management from Cloud with Heat Orchestration. Section 3.6 Post Activities removed. Section 3.5 Scaling Management from Cloud with Heat Orchestration updated.</p>

Table 21 Operation and Maintenance/Security Management

Title	Identity	Change
User Management	6/1551-AVA 901 29/9 Uen A	<p>New document</p> <p>New document</p>
MTAS Security Management Guide	122/1553-AVA 901 29/9 Uen D	Link replaced from Security Management for ECLI, NETCONF, and SFTP Users to User Management



Table 21 *Operation and Maintenance/Security Management*

Title	Identity	Change
Configure Legal Notice	8/1543-CRA 119 2163 Uen A	<i>New document</i> Quality checks run. Ready for SEC 2.2 release.
Delete Legal Notice	9/1543-CRA 119 2163 Uen A	<i>New document</i> Quality checks run. Ready for SEC 2.2 release.
Configure Login Failure Delay	6/1543-CRA 119 2163 Uen A	<i>New document</i>
Configure SSH Algorithms	7/1543-CRA 119 2163 Uen A	<i>New document</i> Quality checks run. Ready for SEC 2.2 release.
Configure Target Type Identifiers	3/1543-CRA 119 2163 Uen A	<i>New document</i>
Configure TLS Ciphers	1/1543-CRA 119 2163 Uen A	<i>New document</i>
Show Supported and Enabled TLS Ciphers	2/1543-CRA 119 2163 Uen A	<i>New document</i>
View SSH Algorithms	10/1543-CRA 119 2163 Uen A	<i>New document</i> Quality checks run. Ready for SEC 2.2 release.
Configure Ericsson Filter Version	13/1543-CRA 119 2164 Uen A	<i>New document</i>
Configure Ericsson LDAP Filter	12/1543-CRA 119 2164 Uen A	<i>New document</i>
Configure Flexible LDAP Filter	10/1543-CRA 119 2164 Uen A	<i>New document</i>
Configure LDAP Basic Connection	7/1543-CRA 119 2164 Uen A	<i>New document</i>
Configure LDAP Simple Bind	4/1543-CRA 119 2164 Uen C	Quality checks run. Ready for SEC 2.1.3 and SEC 2.2 release.
Configure POSIX LDAP Filter	11/1543-CRA 119 2164 Uen A	<i>New document</i>
Configure Referral Chasing	9/1543-CRA 119 2164 Uen A	<i>New document</i>
Configure Role Aliases for RBAC	14/1543-CRA 119 2164 Uen A	<i>New document</i>
Configure Target-Based Access Control	6/1543-CRA 119 2164 Uen C	Quality checks run. Ready for SEC 2.1.3 and SEC 2.2 releases.
Configure TLS for LDAP	5/1543-CRA 119 2164 Uen C	Quality checks run. Ready for SEC 2.1.3 and SEC 2.2 release.
View Roles and Rules	23/1543-CAA 901 2587/7 Uen A	<i>New document</i> New document number
Lock Local Authorization Method	25/1543-CAA 901 2587/7 Uen A	<i>New document</i> New document number
Unlock Local Authorization Method	24/1543-CAA 901 2587/7 Uen A	<i>New document</i> New document number
Create Custom Role	26/1543-CAA 901 2587/7 Uen A	<i>New document</i> New document number

Table 21 *Operation and Maintenance/Security Management*

Title	Identity	Change
Change Custom Role	27/1543-CAA 901 2587/7 Uen A	New document New document number
Delete Custom Role	28/1543-CAA 901 2587/7 Uen A	New document New document number
Create Custom Rule	29/1543-CAA 901 2587/7 Uen A	New document New document number
Change Custom Rule	30/1543-CAA 901 2587/7 Uen A	New document New document number
Delete Custom Rule	31/1543-CAA 901 2587/7 Uen A	New document New document number

Table 22 *Operation and Maintenance/Security Management/Certificate Management*

Title	Identity	Change
Certificate Management	1551-CRA 119 1933 Uen C	Editorial update. Administrative update.

Table 23 *Operation and Maintenance/Security Management/Local Authentication Management*

Title	Identity	Change
Local Authentication Management	1551-CRA 119 1962 Uen F	Quality checks run. Ready for SEC 2.2 release.
Create User Account	17/1543-CRA 119 1962 Uen C	Quality checks run. Ready for SEC 2.2 release.
Remove Password from User Account	5/1543-CRA 119 1962 Uen A	New document Quality checks run. Ready for SEC 2.2 release.
Set User Roles for User Account	21/1543-CRA 119 1962 Uen C	Quality checks run. Ready for SEC 2.1.3 and SEC 2.2 releases.
Change SSH Public Key	3/1543-CRA 119 1962 Uen A	New document Quality checks run. Ready for SEC 2.2 release.
Create SSH Public Key	2/1543-CRA 119 1962 Uen A	New document Quality checks run. Ready for SEC 2.2 release.
Delete SSH Public Key	4/1543-CRA 119 1962 Uen A	New document Quality checks run. Ready for SEC 2.2 release.

Table 24 *Operation and Maintenance/SW Management*

Title	Identity	Change
Software Management	2/1551-APR 901 0444/4 Uen C	New document
Software Inventory Management	1/1551-APR 901 0444/4 Uen B	New document
View Software Information	42/1543-CAA 901 2624/4 Uen B	New document



Table 24 Operation and Maintenance/SW Management

Title	Identity	Change
Active Upgrade	53/1543-CAA 901 2624/4 Uen B	New document
Prepare Upgrade Package	44/1543-CAA 901 2624/4 Uen E	New document
Cancel Upgrade Operation	43/1543-CAA 901 2624/4 Uen C	New document
Delete Upgrade Package	48/1543-CAA 901 2624/4 Uen B	New document
Delete Inactive Software Version	47/1543-CAA 901 2624/4 Uen B	New document

Table 25 Operation and Maintenance/SW Management/Backup and Restore

Title	Identity	Change
System Backup and Restore	2/1551-CAA 901 2624/4 Uen C	Firm revision for release. Added alarm BRM, Auto Export Manual Backup Failed and OPI Change Manual Backup Name. Link changed to go to document User Management in section Security Management.
Cancel Backup and Restore Operation	10/1543-CAA 901 2624/4 Uen B	Updated Step 9.
Create Backup	11/1543-CAA 901 2624/4 Uen B	Updated Step 3.
Restore Backup	12/1543-CAA 901 2624/4 Uen B	Firm revision for release. Updated section: 1.1.1 Conditions
Change Manual Backup Name	31/1543-CAA 901 2624/4 Uen A	New document New document.

Table 26 Operation and Maintenance/SW Management/License Management

Title	Identity	Change
License Management	3/1551-APA 901 44/1 Uen E	New document

Table 27 Operation and Maintenance/Managed Object Management

Title	Identity	Change
Managed Object Model User Guide	2/1553-APA 901 44/1 Uen E	Updated Section 4.3, changed enumeration title and values.

Table 28 Operation and Maintenance/Managed Object Management/Managed Object Model

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



2.1.6 Interface

Table 29 Interface

Title	Identity	Change
Diameter Offline Charging in MTAS	13/155 19-AVA 901 18 Uen N	
Diameter Online Charging in MTAS	11/155 19-AVA 901 18 Uen N	
Ericsson Command-Line Interface	4/155 19-CAA 901 2587/7 Uen B	<p>1.4 ECLI Version</p> <p>2.2.1.1 Log On to CLI Session over SSH</p> <p>2.2.1.3 Successful Logon</p> <p>2.7.4.2 Typed MO References</p> <p>3 CLI Commands</p> <p>3.1 Summary of CLI Commands</p> <p>3.3.1 Display Single-Valued Attribute</p> <p>3.3.8 Display MO Instance Information moved to 3.3.8 Display MO Information</p> <p>3.3.8.1.5 Summary of Displayed MO Properties</p> <p>3.3.9.5 Display PM Measurements</p> <p>3.3.9.3 Display MO Information in Tabular Format</p> <p>3.5 Display MO Instances moved to 3.3.8 Display MO Information</p> <p>3.6.6 Change Attribute Defined as MO Reference</p> <p>3.8.1.2 Display Single MO</p> <p>3.12 Display CLI Version</p> <p>3.14.1 Static Help in CLI</p> <p>4.2.2 Delete Characters</p> <p>New section:</p> <p>1.4.1 Changes between CLI Versions 1.3.0 and 1.4.0 (added)</p> <p>2.10 CLI Comments</p>



Table 29 Interface

Title	Identity	Change
Ericsson NETCONF Interface	2/155 19-CAA 901 2587/7 Uen C	<p>Added sections:</p> <p>5.5.1.1 Notification Replay with aggregation:1.0 capability</p> <p>11.6.4 MO change notifications with aggregation:1.0 capability</p> <p>Updated sections:</p> <p>2.1 Start a NETCONF Session over SSH</p> <p>3 NETCONF RPC Messages</p> <p>3.1 Message <hello></p> <p>4.5.2 Single-Valued Attributes</p> <p>5.5 Operation <create-subscription></p> <p>7.1 Create MO Instance</p> <p>11.6.1 Notification <CMSynchronizationRecommended></p> <p>11.6.3.3 Notification <AVC></p> <p>11.6.4.1 MO Change Notifications When aggregationLevel = X</p> <p>13.1 NETCONF Capabilities</p>
MTAS CAP Support	28/155 19-AVA 901 18 Uen F	
MTAS Interface to CSCF (ISC, Ma, Pw)	3/155 19-AVA 901 18 Uen L	
MTAS Interface to MRF (Mr)	6/155 19-AVA 901 18 Uen K	
MTAS, Offline Charging, version 1	2/190 04-AVA 901 18 Uen K	
MTAS, Offline Charging, version 2	5/190 04-AVA 901 18 Uen K	
MTAS, Offline Charging, version 3	15/190 04-AVA 901 18 Uen F	
MTAS, Online Charging, version 1	3/190 04-AVA 901 18 Uen K	
MTAS, Online Charging, version 2	6/190 04-AVA 901 18 Uen J	
MTAS, Online Charging, version 3	16/190 04-AVA 901 18 Uen F	
Performance Management Report File Format	1/155 19-CAA 901 2587/7 Uen B	Section 2 updated. Editorial update.

Table 30 Interface/Events

Title	Identity	Change
HeartBeat	1/1551-CAA 901 2587/7 Uen B	New document
AlarmListRebuilt	2/1551-CAA 901 2587/7 Uen B	New document

Table 31 Interface/NETCONF XML

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



2.2 Removed Documents

Table 32 Documents Removed from Library

Title	Identity	Comment
Library Changes	109 45-EN/LZN 765 0163/9-3 Uen A	
Virtualized MTAS Network Impact Report from 1.4 to 1.5	19/109 48-AVA 901 29/9-4 Uen B	
vMTAS Upgrade Information from 1.4.1 to 1.5	2/153 72-AVA 901 29/9-4 Uen A	
Ericsson Command-Line Interface User Guide	1/1553-APA 901 44/1 Uen G	
Fault Management	4/1551-APA 901 44/1 Uen F	
Check Alarm Status	31/1543-APA 901 44/1 Uen E	
Change Alarm Type Severity	40/1543-APA 901 44/1 Uen D	
Change Heartbeat Interval	106/1543-APA 901 44/1 Uen E	
Create SNMPv1 Target	38/1543-APA 901 44/1 Uen E	
Create SNMPv2C Target	39/1543-APA 901 44/1 Uen E	
Create SNMPv3 Target	33/1543-APA 901 44/1 Uen F	
Create SNMP View	34/1543-APA 901 44/1 Uen E	
Delete SNMP Target	35/1543-APA 901 44/1 Uen D	
Disable SNMP Target	36/1543-APA 901 44/1 Uen E	
Enable SNMP Target	37/1543-APA 901 44/1 Uen E	
MTAS List of Alarms and Attributes	4/006 51-AVA 901 29/9 Uen A	
File Management, Number of Files in FileGroup Exceeded	100/1543-APA 901 44/1 Uen E	
File Management, Max Size in FileGroup Exceeded	139/1543-APA 901 44/1 Uen E	
License Management, Capacity Usage Threshold Reached	227/1543-APA 901 44/1 Uen A	
License Management, License Key Not Available	229/1543-APA 901 44/1 Uen A	
Check General System Attributes	29/1543-APA 901 44/1 Uen F	
List Supported XML Model Files	72/1543-APA 901 44/1 Uen D	
Push XML Model File to Remote File Location	73/1543-APA 901 44/1 Uen D	
File Management	6/1551-APA 901 44/1 Uen F	
Delete File in Logical File System	70/1543-APA 901 44/1 Uen E	



Table 32 Documents Removed from Library

Title	Identity	Comment
Fetch File in Logical File System	71/1543-APA 901 44/1 Uen D	
List File Groups and File Information in Logical File System	74/1543-APA 901 44/1 Uen D	
Configure Preventive Maintenance Policy Deleting Files in Logical File System	68/1543-APA 901 44/1 Uen E	
Configure Preventive Maintenance Policy Reporting Alarms for Logical File System	69/1543-APA 901 44/1 Uen E	
MTAS Performance Indicators	2/154 43-AVA 901 09/9 Uen D	
MTAS Signaling Traffic Performance Indicators	3/154 43-AVA 901 09/9 Uen B	
List Performance Management Groups and Measurement Types	79/1543-APA 901 44/1 Uen E	
List Performance Management Jobs	80/1543-APA 901 44/1 Uen E	
Create Measurement Collection Job	75/1543-APA 901 44/1 Uen D	
Delete Measurement Collection Job	77/1543-APA 901 44/1 Uen D	
Start Measurement Collection Job	82/1543-APA 901 44/1 Uen D	
Stop Measurement Collection Job	84/1543-APA 901 44/1 Uen D	
Create Threshold Monitoring Job	76/1543-APA 901 44/1 Uen D	
Start Threshold Monitoring Job	83/1543-APA 901 44/1 Uen D	
Stop Threshold Monitoring Job	85/1543-APA 901 44/1 Uen D	
Delete Threshold Monitoring Job	78/1543-APA 901 44/1 Uen D	
Security Management for ECLI, NETCONF, and SFTP Users	2/1551-AVA 901 29/9 Uen C	
View Roles and Rules	125/1543-APA 901 44/1 Uen D	
Lock Local Authorization Method	123/1543-APA 901 44/1 Uen E	
Unlock Local Authorization Method	124/1543-APA 901 44/1 Uen D	
Create Custom Role	119/1543-APA 901 44/1 Uen D	
Change Custom Role	117/1543-APA 901 44/1 Uen D	
Delete Custom Role	121/1543-APA 901 44/1 Uen E	

*Table 32 Documents Removed from Library*

Title	Identity	Comment
Create Custom Rule	120/1543-APA 901 44/1 Uen D	
Change Custom Rule	118/1543-APA 901 44/1 Uen D	
Delete Custom Rule	122/1543-APA 901 44/1 Uen D	
Software Management	9/1551-APA 901 44/1 Uen G	
Software Inventory Management	14/1551-APA 901 44/1 Uen C	
View Software Information	86/1543-APA 901 44/1 Uen D	
Prepare Upgrade Package	90/1543-APA 901 44/1 Uen H	
Upgrade Using One-Step Activation	93/1543-APA 901 44/1 Uen F	
Upgrade Using Step-by-Step Activation	92/1543-APA 901 44/1 Uen F	
Cancel Upgrade Operation	87/1543-APA 901 44/1 Uen E	
Delete Upgrade Package	96/1543-APA 901 44/1 Uen D	
Delete Inactive Software Version	95/1543-APA 901 44/1 Uen D	
License Management	23/1551-APA 901 44/1 Uen B	
HeartBeat	12/1551-APA 901 44/1 Uen E	
AlarmListRebuilt	13/1551-APA 901 44/1 Uen D	