

Library Changes

CUDB 1.14 (R15A)

LIBRARY REVISION INFORMATION

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1 Introduction

This document shows the changes in the CUDB 1.14 (R15A) library between the following releases:

From Ericsson Centralized User Database (CUDB) 1.13 (R14A)

To Ericsson Centralized User Database (CUDB) 1.14 (R15A)

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 Library Front Page

Table 1 Library Front Image

Title	Identity	Change
Library Front Page.		<ul style="list-style-type: none">- Added clarification for "One software track" partially implemented features- Added a link to the "Functions Planned for Coming Releases" Network Impact Report section- Tiles updated



2.2 Library Overview

Table 2 Library Overview

Title	Identity	Change
CUDB Library Overview	1551-EN/LZN 702 0449 Uen T	Ready for release.
Library Changes	109 45-EN/LZN 702 0449 Uen T	CUDB 1.14 PRG

2.3 Product Overview

Table 3 Product Overview/Facility Descriptions

Title	Identity	Change
CUDB High Availability	7/155 34-HDA 104 03/10 Uen L	Other than editorial changes, this document has been revised as follows: * Geographical Redundancy Decrease: Added section. * Split Situations: Updated description. * Service Continuity for Asymmetrical Split Scenarios: Updated list and note.
CUDB Notifications	9/155 34-HDA 104 03/10 Uen H	Other than editorial changes, this document has been revised as follows: * Dependencies and Interactions: Updated the method of calculating the number of needed TCP connections (numOfConnections).

2.4 Site Engineering

Table 4 Site Engineering

Title	Identity	Change
CUDB Deployment Guide	2/1553-HDA 104 03/10 Uen H	Other than editorial changes, this document has been revised as follows: * CUDB Site and Node Number Considerations: Updated description. * Example Networks Dimensioned with 44 DSGs, Example Network with Four Sites and Double Geographical Redundancy, and Example Network with Six Sites and Triple Geographical Redundancy: Added sections.



2.5 Planning

Table 5 Planning

Title	Identity	Change
CUDB 1.14 Network Impact Report	1/109 48-FGC 101 3147 Uen X	<p>Other than editorial changes, this document has been revised as follows for the CUDB 1.14 release:</p> <ul style="list-style-type: none"> Section 2.3 Changes in Cloud Support: Updated Table 5 regarding stack deployment. Section 2.3.1 Changes in VNF Workflows: Updated Table 6 with changes in instantiation workflows and graceful termination workflow. Section 2.6 Changes in Tools: Updated Table 10 with changes in Installation Files Generator tool. Section 5.14 Improvements in CUDB 1.14: Added OAM general changes in Alarms, Commands and Command Options, Data Model and Logging. Section 6.2 Geographical Redundancy Decrease and Site Decommissioning: Removed section because feature has been delivered and added to Section 4.17 Geographical Redundancy Decrease and Site Decommissioning.

2.6 Integration

Table 6 Integration

Title	Identity	Change
CUDB Optimized Subtree Searches	20/1553-HDA 104 03/10 Uen B	Editorial changes only.

2.7 Operation and Maintenance

Table 7 Operation and Maintenance

Title	Identity	Change
CUDB Node Commands and Parameters	1/1553-CSH 109 067/10 Uen T	<p>Other than editorial changes, this document has been revised as follows: * Structural and content rearrangement throughout the document: Requisite * s, Syntax, Command Options and Output are now directly under relevant command chapter. Command name concatenated to subsection titles. * cudbServiceContinuity: Updated command description. Updated list of requisites. Updated command output. * cudbSwBackup Examples of Use: Removed obsolete information. * cudbSystemDataBackupAndRestore Syntax: Updated Format (1) with [-o --copy-over-oam-vip]. * cudbSystemStatus Command Options: Added -o --copy-over-oam-vip command option. * cudbUnitDataBackupAndRestore Syntax: Updated Format (1) and Format (2) with -o --copy-over-oam-vip. * cudbTakeAllMasters: Updated command description. Updated list of requisites. Updated command output. * cudbUnitDataBackupAndRestore Command Options: Added -o --copy-over-oam-vip command option. * cudbRemoveNode: Updated command description. * cudbRemoveNode Requisites: Updated list of requisites. * cudbRemoveNode Syntax: Updated Format with [--remove-site]. * cudbRemoveNode Command Options: Added --remove-site command option. * cudbRemoveNode Output: Updated command output. * cudbSetPartitionStatus: option -ps is available for all system administrators and operators.</p>



Table 7 Operation and Maintenance

Title	Identity	Change
CUDB System Split Partial Recovery Procedure	20/1543-CSH 109 067/10 Uen C	Other than editorial changes, this document has been revised as follows: <ul style="list-style-type: none">• Section 1 Overview: Updated description.• Section 1.1 Description: Updated description, and removed the list of configurations.• Section 1.2 Prerequisites: Updated the list of situations where the procedure can be used.• Section 2 Emergency Procedure: Added as a new section and subsections.
CUDB VNF Lifecycle Management	1/1553-CNL 121 695/10 Uen F	Other than editorial changes, this document has been updated as follows: * Other Requirements: Updated list ul_wgy_ckb_f2b. * Instantiate Configuration Files: Updated list. * Instantiate vCUDB System Prerequisites: Updated list and figure Final Structure Directory for * Instantiate vCUDB System. Instantiate vCUDB VNF: Updated Step 4 in Instantiate vCUDB VNF and Step 5 in Instantiate vCUDB VNF. * Terminate vCUDB System: Added note. * Terminate vCUDB VNF: Updated description of Step 6 and added note. * Restrictions: Added new restriction regarding subscription reallocation and updated the list of restrictions and feature restrictions.

Table 8 Operation and Maintenance/Configuration Management

Title	Identity	Change
CUDB Node Configuration Data Model Description	1/192 02-CSH 109 067/10 Uen S	Other than editorial changes, this document has been revised as follows: * Class CudbRemoteNode: Updated description.

Table 9 Operation and Maintenance/Data Management

Title	Identity	Change
CUDB Backup and Restore Procedures	1/1553-CNH 160 6130/10 Uen J	Editorial changes only.

Table 10 Operation and Maintenance/Data Management/Schema Management

Title	Identity	Change
CUDB Application Schema Update	2/1553-CSH 109 067/10 Uen K	Other than editorial changes, this document has been revised as follows: * Updated Ericsson personnel information. * Prerequisites: Updated description. * Rollback Procedure Updated procedure.

Table 11 Operation and Maintenance/Fault Management/Alarms

Title	Identity	Change
Licensing, Capacity Usage Threshold Reached, Major	4/1543-CNH 160 8039/10 Uen E	+Other than editorial changes, this document has been revised as follows: +Section 1.1 Alarm Description: Removed obsolete alarm situation, obsolete alarm cause from Table 1 Alarm Causes, and obsolete license variable.



Table 12 Operation and Maintenance/Fault Management/Troubleshooting

Title	Identity	Change
CUDB Troubleshooting Guide	1/1553-HDA 104 03/10 Uen S	Other than editorial changes, this document has been updated as follows: * Check Database Consistency between Database Clusters: Added command output. * Check Replication Channels Behavior: Added command output. * Replication Problems: Added description and command output, updated note. * Cyclic Process Restart: Updated procedure. * Former section Cannot Add Tables/Subscribers (Rolling Restart of the Nodes): Removed section. * LDAP FE: Added procedure. * Potential Symmetrical Split Situation: Updated description. * CUDB Not Responding LDAP Operations: Updated procedure. * System Data Backup Failure: Updated description. * Unit Data Restore Failure: Updated procedure. * Checking Replication Channels: Added reference. * Mastership Change During Reallocation: Added error message, description, and command. * Locked Users: Updated description.

Table 13 Operation and Maintenance/Logging Management

Title	Identity	Change
CUDB Node Logging Events	4/1553-CSH 109 067/10 Uen M	Other than editorial changes, this document has been revised as follows: * Revision InformationSOAP: Added new ERR row to Table 25. * Security: Updated log table.

Table 14 Operation and Maintenance/Health Check

Title	Identity	Change
CUDB Health Check	7/1543-HDA 104 03/10 Uen J	Other than editorial changes, this document has been revised as follows: * Checking eVIP Agent Status: Updated Step 2 in Checking eVIP Agent Status and added printout example. * Checking Database Cluster Processes: Added printout example. * Checking Database Cluster Replication State: Added printout example. * Checking LDAP Traffic: Added printout example in Step 1 in Checking LDAP Traffic. * Checking LDAP Layer Load: Added printout example. * Checking Notifications Traffic: Added notification process example. * Checking CPU Load: Added printout example.

Table 15 Operation and Maintenance/HW Management

Title	Identity	Change
Server Platform, Blade Replacement	4/1543-CSH 109 067/10 Uen M	Other than editorial changes, this document has been revised as follows: * Prerequisites: Updated section. * Replacing a Blade: Updated note. * Identifying Blade Hardware Type and Board Revision: Added section. * Preparing the Blade Replacement: Added example to Step 3. * CUDB Node Configuration Changes: Added note. * Editing the LDE installation.conf File: Added section. * Editing the LDE installation.conf File in Case of GEP3 Hardware: Updated section title. * Editing the LDE installation.conf File in Case of GEP7L Hardware: Added section. * System Controller Replacement Steps: Added notes. Updated description.

2.8 Removed Documents

No removed documents.