

Library Changes

CUDB 1.12 (R13A)

LIBRARY REVISION INFORMATION

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1 Introduction

This document shows the changes in the CUDB 1.11 (R12A) library between the following releases:

From Ericsson Centralized User Database (CUDB) 1.11 (R12A)

To Ericsson Centralized User Database (CUDB) 1.12 (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 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 N	Ready for release.



2.3 Product Overview

Table 3 Product Overview

Title	Identity	Change
CUDB Technical Product Description	221 02-FGC 101 3147 Uen L	<p>Other than editorial changes, this document has been revised as follows:</p> <ul style="list-style-type: none">• Section 2.1 Supported Hardware: Updated section with GEP7L.• Section 3.2.20 Multi-Application Support: Updated section with GEP7L.• Section 3.2.22 VNF Support: Updated the list of workflows on the full Ericsson cloud infrastructure, and description.• Section 7.1 CUDB Node Configuration: Updated section and note with GEP7L and the list of components of nodes.

Table 4 Product Overview/Facility Descriptions

Title	Identity	Change
CUDB High Availability	7/155 34-HDA 104 03/10 Uen J	New document

2.4 Site Engineering

Table 5 Site Engineering

Title	Identity	Change
CUDB Virtual Infrastructure Requirements	15/1553-HDA 104 03/10 Uen G	<p>Other than editorial changes, this document has been revised as follows:</p> <ul style="list-style-type: none">• Section 2 Compute Requirements: Updated the Requirement Text of Compute host Category in Table 1.• Section 4 Storage Requirements: Updated the Requirement Text of Storage Performance in Table 3.• Section 6 Other Requirements: Added Automatic evacuation Category in Table 5.• Section 3 Network Requirements: Updated Table 2 with SDN requirements.



2.5 Planning

Table 6 Planning

Title	Identity	Change
CUDB 1.12 Network Impact Report	1/109 48-FGC 101 3147 Uen U	<p>Other than editorial changes, this document has been revised as follows for the CUDB 1.12 release:</p> <ul style="list-style-type: none"> • Section 2.1 Capacity and Performance: Updated the list of considerations to take into account due to one software track. • Section 2.1.1 Subscriber Capacity: Updated table notes and Maximum node capacity in Table 1, updated table notes and Maximum node capacity in Table 2, and updated table note in Table 3. • Section 2.2.2 Changes in Cloud Support: Updated release and impact in Table 5. • Section 2.2.2.1 Changes in VMware Support: Added subsection. • Section 2.4 Changes in Upgrade Procedure: Added impact from CUDB 1.12 onwards. • Section 2.7 Other Network Elements (Dependencies): Updated description. • Section 3.10 Optimized Subtree Searches: Updated description. • Section 5.12 Improvements in CUDB 1.12: Added new section with subsections Section 5.12.1 LDAP Node Counters and Section 5.12.2 OAM Improvements in CUDB 1.12. • Section 6.2 Impacts in VNF Workflows: Updated section title, and the structure of the section by moving the content to Section 6.2.1 VNF Scale-Out Workflow, and added new planned function and Section 6.2.2 VNF Graceful Termination Workflow. • Section 6.3 Automatic Installation in Native, Section 6.4 Automated DSG Expansion, Section 6.5 GEP7L Support: Added sections.

2.6 Operation and Maintenance

Table 7 Operation and Maintenance

Title	Identity	Change
CUDB Node Commands and Parameters	1/1553-CSH 109 067/10-V1 Uen N	<p>Other than editorial changes, this document has been revised as follows:</p> <ul style="list-style-type: none"> • Section 2.2.4.3 Command Options: Updated the object-tables command in the list of commands.
CUDB System Administrator Guide	2/1543-HDA 104 03/10-V1 Uen N	<p>Other than editorial changes, this document has been revised as follows:</p> <ul style="list-style-type: none"> • Updated Ericsson personnel information.



Table 7 Operation and Maintenance

Title	Identity	Change
Virtualized CUDB Virtual Machine Recovery	30/1543-CSH 109 067/10 Uen H	<p>Other than editorial changes the document has been revised as follows:</p> <ul style="list-style-type: none">• Section 1.1 Description: Updated Figure 1 and the description of the document.• Section 2.2 Rebuild the VM: Updated procedure, and removed description and cudbPrepareStore --pl command.• Section 3 Actions in the Case of Infrastructure Activities: Updated title, description, and the structure of the section by moving the steps of preparing the CUDB node and system to recover from maintenance activity to Section 3.2 Multiple Compute Hosts Affected, and added Attention, procedure and Do.• Section 3.1 One Compute Host Affected: Added section.• Section 3.2 Multiple Compute Hosts Affected: Added section.• Section 3.3 Identify All Affected VMs: Removed description, added procedure, and updated Attention.• Section 3.4.1 VM Groups: Updated Do, note, description, and procedure.• Former section Cloud Administration Actions After Infrastructure Maintenance: Removed section.• Section 3.5 Prepare the VMs for Operation: Removed Do, added note.• Section 3.5.1 Prepare SC VM: Updated procedure and description.• Section 3.5.2 Prepare PLDB or DSG VM: Added description, removed procedure.



Table 7 Operation and Maintenance

Title	Identity	Change
CUDB VNF Lifecycle Management	1/1553-CNL 121 695/10 Uen D	<p>Other than editorial changes, this document has been revised as follows:</p> <ul style="list-style-type: none"> • Purpose and Scope: Updated the list of procedures. • Prerequisites: Updated description. • Hardware and Software: Updated the list of virtual and physical hardware and software. • Upgrade Configuration Files: Added as new section. • Other Requirements: Updated the list of aspects. • Onboard: Updated section title. • Procedures: Updated Figure 1 showing the example of VNF Lifecycle Management. Removed note. • Instantiate vCUDB System Prerequisites: Updated section title. Updated Figure 2 caption to Final Structure Directory for Instantiate vCUDB System. • Start a New Instance: Updated figure in Step 2 in Start a New Instance. • Execute Steps: Removed step list. Added figure. • vCUDB Upgrade Preparation: Added as new section. • vCUDB Upgrade Preparation Prerequisites: Added as new section. Added Figure 3. • vCUDB Upgrade Preparation Steps: Added as new section. • vCUDB Upgrade System: Added as new section. • vCUDB Upgrade System Prerequisites: Added as new section. • vCUDB Upgrade VNF Steps: Added as new section. • Troubleshooting: Updated the list of options in the case of failure. • Appendix: General Considerations when Upgrading: Added as new section.
ESA Setup and Configuration	1/1543-CSH 109 654 Uen A	<p>New document</p> <p>document sharpened and incorporated review comments</p>

Table 8 Operation and Maintenance/Configuration Management

Title	Identity	Change
CUDB Node Configuration Data Model Description	1/192 02-CSH 109 067/10-V1 Uen L	<p>Other than editorial changes, this document has been revised as follows:</p> <ul style="list-style-type: none"> • Section 2.1 Data Types: Added NumericMaxInclusive14 data type to Table 2. • Section 2.6.4 Class CudbLdapUser: Updated data type and range of countersGroup attribute in Table 31.



Table 9 Operation and Maintenance/Data Management/Schema Management

Title	Identity	Change
CUDB Application Schema Update	2/1553-CSH 109 067/10-V1 Uen H	Other than editorial changes, this document has been revised as follows: <ul style="list-style-type: none">Updated Ericsson personnel information.

Table 10 Operation and Maintenance/Fault Management

Title	Identity	Change
ESA Fault Management	2/1543-CSH 109 654 Uen A	New document Updated copyright, title changed to ESA18. Updated product number from 109 624 to 109 654, hence revision is set to A

Table 11 Operation and Maintenance/Fault Management/Alarms

Title	Identity	Change
SAF, CLM Cluster Node Unavailable	26/1543-CSH 109 067/10 Uen C	Other than editorial changes, this document has been revised as follows: <ul style="list-style-type: none">Section 1.1 Alarm Description: Updated the Attribute Value of Auto Cease attribute in Table 2 Alarm Attributes.Section 2.2 Procedure for CUDB Systems Deployed on a Cloud Infrastructure: Updated procedure.Section 3 Procedure for CUDB Systems Deployed on a Cloud Infrastructure: Updated procedure.
Server Platform, Storage Performance Degradation Detected	28/1543-CSH 109 067/10 Uen E	Other than editorial changes, this document has been revised as follows: <ul style="list-style-type: none">Section 2.2 Procedure for CUDB Systems Deployed on a Cloud Infrastructure: Removed Step 1 and added Do in Step 2, and updated procedure and the list of actions to perform if alarm is raised.

Table 12 Operation and Maintenance/Fault Management/Troubleshooting

Title	Identity	Change
CUDB Troubleshooting Guide	1/1553-HDA 104 03/10-V1 Uen M	Other than editorial changes, this document has been updated as follows: <ul style="list-style-type: none">Updated Ericsson personnel information.

Table 13 Operation and Maintenance/Performance Management

Title	Identity	Change
CUDB Counters List	1/006 51-CSH 109 067/10 Uen F	Other than editorial changes, this document has been revised as follows: <ul style="list-style-type: none">Section 2.2.1 Overall LDAP Node Counters: Added Table 16 and Table 17.Section 2.2.2 Per-Application Group LDAP Node Counters: Updated the number of configurable application groups.



Table 13 Operation and Maintenance/Performance Management

Title	Identity	Change
CUDB Performance Guide	4/1553-HDA 104 03/10 Uen F	Other than editorial changes, this document has been revised as follows: <ul style="list-style-type: none"> Section 2.4 CUDB KPIs: Updated the list of KPIs types per CUDB node type for LDAP-FE with kpiLdapFesLoadUnbalance counter name, and for DS n with kpiDsMemoryUsageUnbalance counter name. Section 2.4.1.1 LDAP KPIs: Updated Table 1 with kpiLdapFesLoadUnbalance and kpiDsMemoryUsageUnbalance KPI counter names.
ESA Performance Management	3/1543-CSH 109 654 Uen A	New document sharped for ESA18

Table 14 Operation and Maintenance/HW Management

Title	Identity	Change
Server Platform, Blade Replacement	4/1543-CSH 109 067/10 Uen K	Other than editorial changes, this document has been revised as follows: <ul style="list-style-type: none"> Section 3.7 Finalizing Replacement: Updated note.

2.7 Interface

Table 15 Interface

Title	Identity	Change
CUDB LDAP Interwork Description	1/155 19-HDA 104 03/10 Uen K	Other than editorial changes, this document has been revised as follows: <ul style="list-style-type: none"> Section 3.1.3 Identity Data: Updated description.

2.8 Removed Documents

Table 16 Documents Removed from Library

Title	Identity	Comment
High Availability	7/155 34-HDA 104 03/10-V1 Uen H	
ESA Setup and Configuration	1/1543-CSH 109 532 Uen B	
ESA Fault Management	2/1543-CSH 109 532 Uen A	
ESA Performance Management	3/1543-CSH 109 532 Uen B	