Oracle® Communications

EAGLE LNP Application Processor Release Notice

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Oracle Communications EAGLE LNP Application Processor Release Notice, Release 10.2

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What’s New in This Guide

Release 10.2.1.2.0 - F38955-05 - March 2024

- Updated the Media Pack details.
- Updated the list of resolved bugs in the Resolved Bug Listing.

Release 10.2.1.1.0 - F38955-04 - October 2023

Updated the Oracle Communications Tekelec Platform Distribution in Media Pack.

Release 10.2.1.1.0 - F38955-03 - October 2023

Updated the following sections with the details of ELAP release 10.2.1.1.0:

- Media Pack
- Resolved Bug Listing
- Customer Known Bug Listing

1 Introduction

This Release Notes includes Feature Descriptions, Media and Documentation pack contents, Product Compatibility and identifies the supported Upgrade Path and Migration Paths (if applicable). This document also includes listings of both the Resolved and Known Bugs for this Release. Directions for accessing key Oracle sites and Services are also identified in the Oracle References and Services chapter.

Release Notes are included in the Documentation Pack made available with every Software Release.

2
Feature Description

This Release delivers the following feature:

- 756 Million LNP Entries

2.1 756 Million LNP Entries

This feature increases the LNP capacity from 504 million to 756 million Telephone Number (TN) or Number Pool Block (NPB) records, where NPBs represent a block of 1000 pooled numbers. Also, this feature increases only the TN count from 504 million to 756 million. Rest, the maximum allowed count of all data types remains unchanged.

Table 2-1 Max Data

Data Type	LNP 384M Solution	LNP 504M Solution	LNP 756M Solution
TN	384,000,000	504,000,000	756,000,000
NpaNxx	350,000	350,000	350,000
Lrn	200,000	200,000	200,000
Mr	2,000,000	2,000,000	2,000,000
LrnMr	2,000,000	2,000,000	2,000,000
OGTT	200,000	200,000	200,000

2.2 Enhancement Bugs

ELAP 10.2 supports the following enhancement Bugs:

Table 2-2 ELAP 10.2 Enhancement Bugs

Bug # and Title	Description
31217532 Support greater than 504M LNPDB in ELAP	New LNPDB capacity will be 756M.

3
Media and Documentation

Oracle Communications software is available for electronic download on the Oracle Software Delivery Cloud (OSDC). Documentation is delivered electronically on the Oracle Technology Network (OTN). Both the software Media Pack and the Documentation Pack are listed in this chapter.

3.1 Media Pack

All components available for download from the Oracle Software Delivery Cloud (https://edelivery.oracle.com/) are in the following table:

> **Note:**
>
> This list is accurate at the time of release, but is subject to change. Please view the Oracle Software Delivery Cloud site for the latest information.

Table 3-1 Media Pack Contents for 10.2.1.2.0

Name
Oracle Communications EAGLE LNP Application Processor 10.2.1.2.0-102.24.0 (includes upgrade to TPD 7.8.10.0.0-89.34.0)
Oracle Communications Tekelec Platform Distribution 7.8.10.0.0-89.34.0

Table 3-2 Media Pack Contents for 10.2.1.1.0

Name
Oracle Communications EAGLE LNP Application Processor 10.2.1.1.0-102.22.0 (includes upgrade to TPD 7.8.8.0.0-89.30.0)
Oracle Communications Tekelec Platform Distribution 7.8.7.0.0-89.29.0

Table 3-3 Media Pack Contents for 10.2.1

Name
Oracle Communications EAGLE LNP Application Processor 10.2.1.0.0-102.20.0 (includes upgrade to TPD 7.8.1.0.0-89.13.0)
Oracle Communications Tekelec Platform Distribution 7.8.0.0.0-89.5.0

Table 3-4 Media Pack Contents for 10.2

Name
Oracle Communications EAGLE LNP Application Processor 10.2.0.0.0-102.12.0 (includes upgrade to TPD 7.8.0.0.0-89.5.0)
Oracle Communications Tekelec Platform Distribution 7.8.0.0.0-89.5.0

3.2 Documentation Pack

All documents available for download from the Oracle Technology Network (OTN) site (http://docs.oracle.com) are listed in the following table:

> **Note:**
>
> This list is accurate at the time of release but is subject to change. See Oracle Help Center for all available documents.

Table 3-5 Documentation Pack Contents

ELAP Core Manuals
Release Notice
Administration and LNP Feature Activation Guide
LNP Database Synchronization User's Guide
Security Guide
System Health Check Guide
Hardware, Installation, and Maintenance
Alarms and Maintenance
Application B Card Hardware and Installation Guide
Installation/Upgrade Documentation
Full Upgrade Guide
Incremental Upgrade/Installation Guide
Reference Documentation
Licensing Information User Manual
TPD Licensing Information User Guide

4
Upgrade Path

This chapter contains the possible full upgrade path to ELAP 10.2. Please verify that your current installed release is listed on a valid upgrade path.

4.1 Upgrade Path

The possible full upgrade path to ELAP 10.2.x is listed in the following table:

Table 4-1 ELAP 10.2.x Full Upgrade Path

From	To
ELAP Release 10.1.x	ELAP Release 10.2.x

5
Resolved and Known Bugs

This chapter lists the Resolved and Known Bugs for this release.

These bug lists are distributed to customers with a new software release at the time of General Availability (GA), and are updated for each Maintenance release.

5.1 Severity Definitions

The problem report sections in this document refer to Bug severity levels. Definitions of these levels can be found in the publication, *TL 9000 Quality Management System Measurement Handbook*.

Problem Report: A report from a customer or on behalf of the customer concerning a product or process defect requesting an investigation of the issue and a resolution to remove the cause. The report may be issued via any medium. Problem reports are systemic deficiencies with hardware, software, documentation, delivery, billing, invoicing, servicing or any other process involved with the acquisition, operation, or performance of a product. An incident reported simply to request help to bring back the service or functionality to normal without the intent to investigate and provide a resolution to the cause of the incident is not a problem report.

- Critical: Conditions that severely affect the primary functionality of the product and because of the business impact to the customer requires non-stop immediate corrective action, regardless of time of day or day of the week as viewed by a customer on discussion with the organization such as
    1. product inoperability (total or partial outage),
    2. a reduction in the capacity capability, that is, traffic/data handling capability, such that expected loads cannot be handled,
    3. any loss of emergency capability (for example, emergency 911 calls), or
    4. safety hazard or risk of security breach
- Major: Product is usable, but a condition exists that seriously degrades the product operation, maintenance or administration, etc., and requires attention during pre-defined standard hours to resolve the situation. The urgency is less than in critical situations because of a lesser immediate or impending effect on product performance, customers and the customer's operation and revenue such as
    1. reduction in product's capacity (but still able to handle the expected load),
    2. any loss of administrative or maintenance visibility of the product and/or diagnostic capability,
    3. repeated degradation of an essential component or function, or
    4. degradation of the product's ability to provide any required notification of malfunction
- Minor: Other problems of a lesser severity than 'critical' or 'major' such as conditions that have little or no impairment on the function of the system
- Minor, No Loss of Service: Oracle severity beyond what is defined by TL 9000.

The numbered severity levels in the tables below correspond to these definitions:

- 1 - Critical
- 2 - Major
- 3 - Minor
- 4 - Minor, No Loss of Service

5.2 Resolved Bug Listing

This section lists bugs that are resolved in the following build:

- ELAP 10.2.1.2.0-102.24.0
- ELAP 10.2.1.1.0-102.22.0
- ELAP 10.2.1.0.0-102.20.0
- ELAP 10.2.0.0.0-102.12.0

The Resolved Bugs tables show an impact statement for Severity 1 and 2 Bugs as well as for Severity 3 Bugs that are associated with an SR.

> **Note:**
>
> Resolved bugs are sorted in ascending order by severity and then by bug number.

Table 5-1 ELAP Release 10.2.1.2.0-102.24.0 Resolved Bugs (March 2024)

Bug #	SR	Sev	Title	Customer Impact
36185853		4	TPD, MySQL update	
36321967		4	TPD update	

Table 5-2 ELAP Release 10.2.1.1.0-102.22.0 Resolved Bugs (September 2023)

Bug #	SR	Sev	Title	Customer Impact
35675310		4	ELAP 10.2.1.1 MR: Update TPD	
35675680		4	Update mysql, perl-Module-ScanDeps, remove jcterm	

Table 5-3 ELAP Release 10.2.1.0.0-102.20.0 Resolved Bugs (November 2021)

Bug #	SR	Sev	Title	Customer Impact
33056882		3	ELAP10.2.0_FT:Select mate gives iFrame error when clicked from ELAP GUI.	
33056916		3	ELAP10.2.0_FT:Access Forbidden observed for viewRtdbStatus.cgi and for reboot MPS on ELAP GUI.	
32380304		4	Support ELAP in new chromium based Microsoft Edge	
32488099		4	ELAP - Managing deprecation of Java Applet plugin support from Browser	
33429233		4	Update Mysql to latest available version	
33429513		4	Update TPD to latest available release	

Table 5-4 ELAP Release 10.2.0.0.0-102.12.0 Resolved Bugs (July 2021)

Bug #	SR	Sev	Title	Customer Impact
31097656		3	ELAP10.1.5_MR:Copy From Remote shows no RTDB files during first SSH attempt to Remote server.	
32547383		3	Support EAGLE backward compatibility with ELAP 10.1	
30792560		4	ELAP10.1.5_MR:Unwanted logs observed in /var/log/cron file.	
30876421		4	Upgrade DRBD package	
31217601		4	Upgrade ACE package to the latest available	
32297664		4	Upgrade 3rd party perl packages to latest version in ELAP 10.2	
32384999		4	Support greater than 504M LNPDB in ELAP	
32969222		4	Update TPD to latest release of 7.8 in ELAP	

Table 5-4 (Cont.) ELAP Release 10.2.0.0.0-102.12.0 Resolved Bugs (July 2021)

Bug #	SR	Sev	Title	Customer Impact
32980838		4	Update Mysql to 5.7.34	

5.3 Customer Known Bug Listing

The following table lists known bugs in this release:

Table 5-5 ELAP Release 10.2 Customer Known Bugs (March 2024)

Bug #	SR	Sev	Title	Customer Impact
29543267		3	ELAP10.1.4_MR: On ELAP B GUI,Connect to MMI Port, java error was observed and the window did not open.	Users will not be able to log into the EAGLE via the ELAP GUI. They will need to open EAGLE terminal directly.
29836543		3	ELAP_10.1.4:SCCP cards not able to load data when ELAP switchover happens.	After switchover, some of the EAGLE cards will stop taking updates from ELAP. Work Around: Initialize the cards that are not taking updates from ELAP and are in SYN_RECEIVED state.
33569317		4	ELAP10.2.1: core.httpd along with .bt is observed	Customer might see space and core related alarms on GUI.
33569341		4	ELAP10.2.1_FT:URL moved permanently to a new address is observed when ELAP GUI is opened in Chromium based Microsoft Edge	GUI freezes when this error is observed and user will have to refresh the URL to access GUI again. Work Around: Refresh the GUI and login again.

6
Oracle References and Services

6.1 My Oracle Support

My Oracle Support (https://support.oracle.com) is your initial point of contact for all product support and training needs. A representative at Customer Access Support can assist you with My Oracle Support registration.

Call the Customer Access Support main number at 1-800-223-1711 (toll-free in the US), or call the Oracle Support hotline for your local country from the list at http://www.oracle.com/us/support/contact/index.html. When calling, make the selections in the sequence shown below on the Support telephone menu:

- For Technical issues such as creating a new Service Request (SR), select **1**.
- For Non-technical issues such as registration or assistance with My Oracle Support, select **2**.
- For Hardware, Networking and Solaris Operating System Support, select **3**.

You are connected to a live agent who can assist you with My Oracle Support registration and opening a support ticket.

My Oracle Support is available 24 hours a day, 7 days a week, 365 days a year.

6.2 Locate Product Documentation on the Oracle Help Center Site

Oracle Communications customer documentation is available on the web at the Oracle Help Center site, http://docs.oracle.com/. You do not have to register to access these documents. Viewing these files requires Adobe Acrobat Reader, which can be downloaded at http://www.adobe.com.

1. Access the Oracle Help Center site at http://docs.oracle.com/.
2. Click `Industries`.
3. Under the Oracle Communications subheading, click the `Oracle Communications documentation` link.

   The Communications Documentation page opens. Policy Management is listed in the Network Session Delivery and Control Infrastructure section.
4. Click **Policy Management** and then the release number.

   A list of the documentation set for the release displays.
5. To download a document, click (download icon) and then click **PDF**.

6.3 Locate Product Release Software on the Oracle Software Delivery Cloud Site

Oracle Communications software is available for download on the Oracle Software Delivery Cloud site, https://edelivery.oracle.com. Only authorized customers with a valid password may download software from the site.

For directions on downloading the software and other information about using this site, click **FAQ** in the top right corner.