

Oracle® Communications

EAGLE LNP Application Processor Release Notice



Release 11.0

F90380-06

January 2026

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

ORACLE®

Oracle Communications EAGLE LNP Application Processor Release Notice, Release 11.0

F90380-06

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What's New in This Guide

Release 11.0.0.4.0 - F90380-06 - January 2026

Updated the following sections with the details of ELAP release 11.0.0.4.0:

- [Media Pack](#)
- [Resolved Bug Listing](#)
- [Customer Known Bug Listing](#)

Release 11.0.0.3.0 - F90380-04 - September 2025

Updated the following sections with the details of ELAP release 11.0.0.3.0:

- [Media Pack](#)
- [Resolved Bug Listing](#)
- [Customer Known Bug Listing](#)

Release 11.0.0.2.0 - F90380-03 - September 2024

Updated the following sections with the details of ELAP release 11.0.0.2.0:

- [Media Pack](#)
- [Resolved Bug Listing](#)

Release 11.0.0.1.0 - F90380-02 - April 2024

Updated the following sections with the details of ELAP release 11.0.0.1.0:

- [Media Pack](#)
- [Resolved Bug Listing](#)
- [Customer Known Bug Listing](#)

Release 11.0.0.0.0 - F90380-01 - January 2024

Updated the following sections with the details of ELAP release 11.0.0.0.0:

- Added the following features in [Feature Descriptions](#) section:
 - [Migration to TPD 8.0](#)
 - [MySQL Uplift from 5.7 to 8.0](#)
 - [Security Hardening](#)
 - [TLS v1.3 Encryption](#)
- [Media Pack](#)
- [Upgrade Path](#)
- [Resolved 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.

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Feature Descriptions

This chapter provides a summary of the features released in ELAP 11.0.

Migration to TPD 8.0

ELAP is currently based on TPD 7.X, which is based on OL6.X. As the extended support for OL6 will end in 2024, ELAP will be migrated to OL8.

TPD 8.X will be migrating from OL6 to OL8. Hence, ELAP migration to TPD 8.X will help ELAP migrate to OL8.

MySQL Uplift from 5.7 to 8.0

ELAP currently uses MySQL 5.7 to store EuiDB database. On migration to OL8, the ELAP application will migrate to MySQL 8.0 as MySQL 5.7 will be out of support.

Security Hardening

ELAP 11.0 supports data replication and transfer over an encrypted channel using IPSEC. This includes data replication between two nodes, for example, ELAP and LSMS nodes.

TLS v1.3 Encryption

Post-migration to OL8, ELAP 11.0 supports TLS v1.3.

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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.

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 11.0.0.4.0

Name
Oracle Communications EAGLE LNP Application Processor 11.0.0.4.0-110.19.0 (includes upgrade to TPD 8.10.1.9.0-150.20.0)
Oracle Communications EAGLE LNP Application Processor 11.0.0.4.0-110.19.0 Alter Table Script
Oracle Communications Tekelec Platform Distribution 8.10.1.9.0-150.20.0

Table 3-2 Media Pack Contents for 11.0.0.3.0

Name
Oracle Communications EAGLE LNP Application Processor 11.0.0.3.0-110.16.0 (includes upgrade to TPD 8.10.1.5.0-150.14.0)
Oracle Communications EAGLE LNP Application Processor 11.0.0.3.0-110.16.0 Alter Table Script
Oracle Communications Tekelec Platform Distribution 8.10.1.5.0-150.14.0

Table 3-3 Media Pack Contents for 11.0.0.2.0

Name
Oracle Communications EAGLE LNP Application Processor 11.0.0.2.0-110.11.0 (includes upgrade to TPD 8.10.0.0.0-140.5.0)
Oracle Communications Tekelec Platform Distribution 8.10.0.0.0-140.5.0

Table 3-4 Media Pack Contents for 11.0.0.1.0

Name
Oracle Communications EAGLE LNP Application Processor 11.0.0.1.0-110.8.0 (includes upgrade to TPD 8.9.0.1.0-130.6.0)
Oracle Communications Tekelec Platform Distribution 8.9.0.1.0-130.6.0

Table 3-5 Media Pack Contents for 11.0.0.0.0

Name
Oracle Communications EAGLE LNP Application Processor 11.0.0.0.0-110.4.0 (includes upgrade to TPD 8.6.0.2.0-110.14.0)
Oracle Communications Tekelec Platform Distribution 8.6.0.2.0-110.14.0

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 3-6 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
Upgrade/Installation Guide
Reference Documentation
Licensing Information User Manual
TPD Licensing Information User Guide

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Upgrade Path

This chapter contains the possible full upgrade path to ELAP 11.0. Please verify that your current installed release is listed on a valid upgrade path.

Upgrade Path

The possible full upgrade path to ELAP 11.0 is listed in the following table:

Table 4-1 ELAP 11.0 Full Upgrade Path

From	To
ELAP Release 10.2.X	ELAP Release 11.0

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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.

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

Resolved Bug Listing

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

- ELAP 11.0.0.4.0-110.19.0
- ELAP 11.0.0.3.0- 110.16.0
- ELAP 11.0.0.2.0-110.11.0
- ELAP 11.0.0.1.0-110.8.0
- ELAP 11.0.0.0.0-110.4.0

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 11.0.0.4.0-110.19.0 Resolved Bugs (January 2026)

Bug #	SR	Sev	Title	Customer Impact
38482828	N	3	Configurable MySQL Password in ELAP	
38429603	N	4	Perl-DBD-MySQL update	
38795105	N	4	TPD update to TPD.install-8.10.1.9.0_150.20.0 - OracleLinux8.10-x86_64.iso	

Table 5-2 ELAP Release 11.0.0.3.0-110.16.0 Resolved Bugs (September 2025)

Bug #	SR	Sev	Title	Customer Impact
37351503	Y	3	SR: /var/TKLC/elap/drbd/mysql full due to excessive warnings in mysqldapp.log	Customer loses ELAP functionality as process fails due to lack of disk space.

Table 5-2 (Cont.) ELAP Release 11.0.0.3.0-110.16.0 Resolved Bugs (September 2025)

Bug #	SR	Sev	Title	Customer Impact
37458004	Y	3	ELAP Prov Process using excessive memory	Customer may experience an interruption of functionality and provisioning when the system crashes due to high CPU usage because of a memory leak.
36767316	N	4	Upgrade MySQL to 8.4	
37397754	N	4	TPD uplift to 8.10.1.1.0 or later	
37417187	N	4	Upgrade drbd-utilities to latest compatible version	
37417191	N	4	Upgrade drbd-kernel to latest compatible version	

Table 5-3 ELAP Release 11.0.0.2.0-110.11.0 Resolved Bugs (August 2024)

Bug #	SR	Sev	Title	Customer Impact
35995062	Y	4	ELAP Compatibility with Windows 2019	
36355643	N	4	Unknown command BANNER TERMINATE received from GS is observed in gsConect.logs continuously	
36485651	N	4	script usr/TKLC/elap/bin/Euidb_migration.pl needs modification	
36738948	N	4	Update TPD to the latest release	

Table 5-4 ELAP Release 11.0.0.1.0-110.8.0 Resolved Bugs (April 2024)

Bug #	SR	Sev	Title	Customer Impact
36220743	N	4	ELAP 11 MR: Enable TLSv1.2 to support required tlsv1.2 ciphers	
36199771	N	4	ELAP 11 MR: Update MySql 8 to the latest	

Table 5-4 (Cont.) ELAP Release 11.0.0.1.0-110.8.0 Resolved Bugs (April 2024)

Bug #	SR	Sev	Title	Customer Impact
36221656	N	4	ELAP 11 MR: Update jquery to the latest version.	
36221685	N	4	ELAP 11 MR: Update perl DBD and module scandeps packages to the latest version	
36271173	N	4	ELAP 11 MR: Update ACE to 6.5.20	
36371912	N	4	ELAP 11 MR: Remove deprecated ciphers reported in tlgis	
36413185	N	4	ELAP 11 MR: TPD update to 8.9.0.1.0_130.6.0	

Table 5-5 ELAP Release 11.0.0.0.0-110.4.0 Resolved Bugs (January 2024)

Bug #	SR	Sev	Title	Customer Impact
33369065	N	4	MySQL uplift from 5.7 to 8.0	
34498751	N	4	Update to TPD 8.x	
35249457	N	4	TLS V1.3 encryption	
35564249	N	4	DRBD in TPD 8	
35643867	N	4	Update the ELAP NTP code for chrony in TPD 8	
35647616	N	4	ELAP UT: remove jcterm from ELAP	

Customer Known Bug Listing

ELAP Release 11.0.0.4.0 Customer Known Bugs

There are no known bugs in this release.

ELAP Release 11.0.0.3.0 Customer Known Bugs

There are no known bugs in this release.

ELAP Release 11.0.0.2.0 Customer Known Bugs

There are no known bugs in this release.

ELAP Release 11.0.0.1.0 Customer Known Bugs

There are no known bugs in this release.

ELAP Release 11.0 Customer Known Bugs

There are no known bugs in this release.

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Oracle References and Services

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.

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**.

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.