Oracle® Communications

EAGLE LNP Application Processor Release Notice



Release 11.1
G63359-01
October 2026

Oracle Communications EAGLE LNP Application Processor Release Notice, Release 11.1

G63359-01

Copyright © 2000, 2026, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Oracle customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

Contents

1 Introduction

2 Feature Descriptions

2.1 APPD Card Support with ELAP 11.1 UEK Kernel Support 1
2.2 Cisco Switch Configuration 1
2.3 Introduction of DIU Support in ELAP 1

3 Media and Documentation

3.1 Media Pack 1
3.2 Documentation Pack 1

4 Upgrade Path

4.1 Upgrade Path 1

5 Security Certificate Declaration

6 Resolved and Known Bugs

6.1 Severity Definitions 1
6.2 Resolved Bug Listing 2
6.3 Customer Known Bug Listing 3

7 Oracle References and Services

7.1 My Oracle Support 1
7.2 Locate Product Documentation on the Oracle Help Center Site 1
7.3 Locate Product Release Software on the Oracle Software Delivery Cloud Site 2

Copyright © 2000, 2026, Oracle and/or its affiliates.

What’s New in This Guide

Release 11.1 - G63359-01 - October 2026

- Updated the following sections with the details of ELAP release 11.1:
  - Feature Descriptions
  - Media Pack
  - Documentation Pack
  - Upgrade Path
  - Resolved Bug Listing
  - Customer Known Bug Listing
- Added the Security Certificate Declaration section, providing information on security tests conducted.

Copyright © 2000, 2026, Oracle and/or its affiliates.

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.

Copyright © 2000, 2026, Oracle and/or its affiliates.

2
Feature Descriptions

This chapter provides a summary of the features released in ELAP 11.1

2.1 APPD Card Support with ELAP 11.1 UEK Kernel Support

Support for the APPD platform has been introduced beginning with the ELAP 11.1 release. APPD is a dual-slot EAGLE application processing card based on a common processor motherboard architecture and is designed to support both legacy E5-APP-B applications and future application deployments. The platform provides enhanced processing capability, a minimum of 64 GB ECC-protected memory, four Gigabit Ethernet interfaces, four RS232 interfaces, front-panel USB connectivity, and two front-accessible SATA solid-state drives (SSDs) configured for redundant RAID operation. ELAP 11.1 adds support for deployment on the APPD hardware platform while continuing to support existing E5-APP-B deployments. This enables customers to deploy ELAP on either hardware platform based on their operational requirements.

Beginning with ELAP 11.1, ELAP now is only to be installed on UEK kernel.

Unbreakable Enterprise Kernel (UEK):

- UEK is based on a stable kernel branch from the Linux Foundation, with customer-driven additions, and several UEKs can exist for a specific Oracle Linux release. Its focus is performance, stability, and minimal backports by tracking the mainline source code provided by the Linux Kernel Organization, as closely as is practical. UEK is tested and used to run Oracle Engineered Systems, Oracle Cloud Infrastructure (OCI), and large enterprise deployments for Oracle customers.
- UEK includes some packages or package versions that aren't available in RHCK. Some examples are `btrfs-tools`, `rds`, and `rdma` related packages, and some kernel tuning tools.

2.2 Cisco Switch Configuration

ELAP 11.1 adds support for configuring Cisco switches through the platcfg menu. The release also introduces encryption for Cisco switch configuration data, including passwords, to protect sensitive information stored as part of the switch configuration.

2.3 Introduction of DIU Support in ELAP

Dual Image Upgrade (DIU) is a process that upgrades the ELAP application as well as the TPD version on the system together. This enhancement enables upgrades to ELAP 11.1 on systems with E5-APP-B or APPD hardware.

Copyright © 2000, 2026, Oracle and/or its affiliates.

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 11.1

Name
Oracle Communications EAGLE LNP Application Processor 11.1.0.0.0-111.6.0 ISO
Oracle Communications EAGLE LNP Application Processor 11.1.0.0.0-111.6.0 APPB DIU ISO
Oracle Communications EAGLE LNP Application Processor 11.1.0.0.0-111.6.0 APPD DIU ISO
Oracle Communications EAGLE LNP Application Processor 11.1.0.0.0-111.6.0 DIU Pre-Upgrade Script
Oracle Communications EAGLE LNP Application Processor 11.1.0.0.0-111.6.0 Alter Table Script
Tekelec Platform Distribution 8.10.1.16.0-150.39.0

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 3-2 Documentation Pack Contents

ELAP Core Manuals
Release Notice
Administration and LNP Feature Activation Guide
LNP Database Synchronization User's Guide

Copyright © 2000, 2026, Oracle and/or its affiliates.

Table 3-2 (Cont.) Documentation Pack Contents

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

Copyright © 2000, 2026, Oracle and/or its affiliates.

4 Upgrade Path

This chapter contains the possible full upgrade path to ELAP 11.1. Verify that whether the current installed release is listed on a valid upgrade path.

4.1 Upgrade Path

The possible full upgrade path to ELAP 11.1 is listed in the following table:

Table 4-1 ELAP 11.1 Full Upgrade Path

From	To
ELAP Release 10.2.X	ELAP Release 11.1
ELAP Release 11.0.X	ELAP Release 11.1

Copyright © 2000, 2026, Oracle and/or its affiliates.

5

Security Certificate Declaration

This section provides information on the list of security tests conducted, and the dates of their completion.

Table 5-1 Security Certificate Declaration

Security Test Description	Test Completion Date	Summary
Static Source Code Analysis Assesses adherence to common secure coding standards	02nd Jul 2026	Priority Critical findings addressed
Dynamic Analysis (including fuzz testing) Tests for risk of common attack vectors such as OWASP Top 10 and SANS 25	18th Aug 2026	All Critical and High findings addressed
Vulnerability Scans Scans for CVEs in embedded 3rd party components	03th Aug 2026	Priority Critical and High findings addressed
Malware Scans Scans all deliverable software packages for the presence of known malware	04th Aug 2026	No Findings

Copyright © 2000, 2026, Oracle and/or its affiliates.

6
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.

6.1 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:

Copyright © 2000, 2026, Oracle and/or its affiliates.

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

6.2 Resolved Bug Listing

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

- ELAP 11.1.0.0.0-111.6.0

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

Copyright © 2000, 2026, Oracle and/or its affiliates.

Note

Resolved bugs are sorted in ascending order by severity and then by bug number.

Table 6-1 ELAP Release 11.1 Resolved Bugs (October 2026)

Bug #	SR	Sev	Title	Customer Impact
39243596	N	3	/var/TKLC/elap/drbd/mysql 100% due to repl logs	
37441625	N	4	Introduction of DIU Upgrade Support in ELAP	
38544195	N	4	Implement UEK Kernel in ELAP	
39114321	N	4	APPD introduction with ELAP 11.1	
39114324	N	4	Add Cisco Switch Configuration option	
39432862	N	4	Updating ACE to 8.0.5	
39564591	N	4	Upgrade MySQL RPMS to 8.4.9	
39622677	N	4	Add switchconfig menu support to ELAP	
39677863	N	4	Replace Overlib.js	
39729932	N	4	Upgrading jquery.js	
39828730	N	4	Increase DSM Timeout from 5sec to 10sec	
40131810	N	4	TPD uplift to 8.10.1.16.0_150.39.0	

6.3 Customer Known Bug Listing

ELAP Release 11.1 Customer Known Bugs

There are no known bugs in this release.

Copyright © 2000, 2026, Oracle and/or its affiliates.

7

Oracle References and Services

7.1 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.

7.2 Locate Product Documentation on the Oracle Help Center Site

Oracle Communications customer documentation is available on the web at the site, . 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 site at .
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**.

Copyright © 2000, 2026, Oracle and/or its affiliates.

7.3 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.

Copyright © 2000, 2026, Oracle and/or its affiliates.