

Oracle® Communications

EAGLE Application Processor Release Notes



Release 18.0

G58176-01

June 2026

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

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A Firmware Components

My Oracle Support (MOS)

[My Oracle Support \(MOS\)](#) is your initial point of contact for any of the following requirements:

- **Product Support:**
The generic product related information and resolution of product related queries.
- **Critical Situations**
A critical situation is defined as a problem with the installed equipment that severely affects service, traffic, or maintenance capabilities, and requires immediate corrective action. Critical situations affect service and/or system operation resulting in one or several of these situations:
 - A total system failure that results in loss of all transaction processing capability
 - Significant reduction in system capacity or traffic handling capability
 - Loss of the system's ability to perform automatic system reconfiguration
 - Inability to restart a processor or the system
 - Corruption of system databases that requires service affecting corrective actions
 - Loss of access for maintenance or recovery operations
 - Loss of the system ability to provide any required critical or major trouble notificationAny other problem severely affecting service, capacity/traffic, billing, and maintenance capabilities may be defined as critical by prior discussion and agreement with Oracle.
- **Training Need**
Oracle University offers training for service providers and enterprises.

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.

What's New in This Guide

Release 18.0 - G58176-01, June 2026

The following sections have been updated with the details of the Release 18.0:

- [Feature Descriptions](#)
- [Media Pack](#)
- [Documentation Pack](#)
- [EPAP Hardware Baseline](#)
- [Upgrade Paths](#)
- [Security Certificate Declaration](#)
- [Resolved Bug List](#)
- [Customer Known Bug List](#)

1

Introduction

The Release Notes includes feature descriptions, supported hardware baseline, media and documentation pack contents, and identifies the supported upgrade paths. This document also includes listings of both the resolved and known bugs for this release. The directions for accessing key Oracle sites and services are also identified in the [Oracle References and Services](#) chapter.

The Release Notes is included in the documentation pack made available with every software release.

2

Feature Descriptions

EPAP 18.0

The following features have been introduced in EPAP 18.0:

- **Application D Card Support:**
Support for the APPD platform has been introduced beginning with the EPAP 18.0 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. EPAP 18.0 adds support for deployment on the APPD hardware platform while continuing to support existing E5-APP-B deployments. This enables customers to deploy EPAP on either hardware platform based on their operational requirements.
- **Cisco Switch Configuration:**
EPAP 18.0 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.
- **Support for DIU Upgrade:**
EPAP 18.0 adds support for upgrading DIUs on APPD hardware. This enhancement enables DIU software upgrades to be performed on systems deployed with APPD hardware through the EPAP upgrade process.

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Media and Documentation

Oracle Communications software is available for electronic download on the Oracle Software Delivery Cloud (<https://edelivery.oracle.com/>). Documentation is delivered electronically on the Oracle Help Center (OHC). 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 tables:

Table 3-1 Media Pack Contents for EPAP 18.0

Name
Oracle Communications EAGLE Application Processor 18.0.0.0.0-180.6.0 ISO
Oracle Communications EAGLE Application Processor 18.0.0.0.0-180.6.0 Mixed NonProv E5-APP-B ISO
Oracle Communications EAGLE Application Processor 18.0.0.0.0-180.6.0 Mixed NonProv APPD ISO
Oracle Communications EAGLE Application Processor 18.0.0.0.0-180.6.0 PDB only E5-APP-B ISO
Oracle Communications EAGLE Application Processor 18.0.0.0.0-180.6.0 PDB only APPD ISO
Oracle Communications EAGLE Application Processor 18.0.0.0.0-180.6.0 MySQL Upgrade rpms 8.4.9
Oracle Communications EAGLE Application Processor 18.0.0.0.0-180.6.0 MIBS
Tekelec Platform Distribution 8.10.1.12.0-150.30.0

3.2 Documentation Pack

All documents available for download from the Oracle Help Center (<http://docs.oracle.com>) are listed in [Table 3-2](#).

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

Release Notices, Licensing Manual, and Compatibility Information
<i>Release Notes</i>
<i>Licensing Information User Manual</i>
<i>EAGLE Compatibility Matrix</i>
Hardware, Installation, and Maintenance Documentation
<i>Upgrade/Installation Guide for E5-APP-B</i>
<i>Upgrade/Installation Guide for APPD</i>

Table 3-2 (Cont.) Documentation Pack Contents

<i>Alarms and Maintenance Guide</i>
<i>Application B Card Hardware and Installation Guide</i>
<i>Application D Card Hardware and Installation Guide</i>
<i>System Health Check Guide</i>
Core Manuals
<i>Administration Guide</i>
<i>Provisioning Database Interface User's Guide</i>
<i>Security Guide</i>
Reference Manuals
<i>Signaling and Policy Glossary</i>

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Supported Hardware Baseline

The hardware identified in this chapter comprises of the hardware and server versions that have been verified with this release.

4.1 EPAP Hardware Baseline

The EPAP Hardware Baseline table is a resource table that provides an overview of information for the hardware that is supported by EPAP.

This table lists the following card information:

- Name of the card on the card label
- Card part number
- SSD Capacity
- Provisioned card type in EAGLE
- Number of EAGLE shelf slots that the card occupies
- Number of physical ports on the card
- EAGLE Card Applications

Table 4-1 EPAP Hardware Baseline Table

Card Name as shown on the card label	Card Part Number	SSD Capacity	EAGLE Provisioned Card Type	EAGLE Shelf Slots/Ports per Card		EAGLE Card Applications
E5-APP-B	870-3096-01	300 GB	e5appb	2	4	epap
E5-APP-B	870-3096-02	480 GB	e5appb	2	4	epap
APPD	822-9427-01	1.92T	appd	2	4	epap
APPD	822-9427-02	1.92T	appd	2	4	epap

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Upgrade Paths

This release has been tested for upgrades from specific prior releases. This chapter contains the exact paths for upgrade. Please verify that your current installed release is listed on a valid upgrade path.

5.1 Upgrade Paths

The possible upgrade paths to EPAP 18.0 are listed in the following table:

Table 5-1 EPAP 18.0 Upgrade Paths

From	To
EPAP Release 17.1	EPAP Release 18.0
EPAP Release 17.0	EPAP Release 18.0

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Product Compatibility

Refer to *EAGLE Compatibility Matrix* for the product compatibility between this product release and the releases of other products.

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Security Certificate Declaration

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

Table 7-1 Security Certificate Declaration

Security Test Description	Test Completion Date	Summary
Static Source Code Analysis Assesses adherence to common secure coding standards	30th May 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	08th April 2026	All Critical and High findings addressed.
Vulnerability Scans Scans for CVEs in embedded 3rd party components	30th May 2026	Priority Critical and High findings addressed.
Malware Scans Scans all deliverable software packages for the presence of known malware	21st April 2026	No Findings

8

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.

8.1 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

8.2 Resolved Bug List

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.

EPAP Release 18.0.0.0.0-180.6.0

The following table lists the bugs resolved in EPAP build 18.0.0.0.0-180.6.0:

Table 8-1 EPAP Release 18.0.0.0.0-180.6.0 Resolved Bugs (June 2026)

Bug Number	SR	Severity	Title	Customer Impact
37417134	Y	3	Changes to be made in EPAP documentation for Automatic PDB/ RTDB Backup Configuration section	Without the documentation fix, customers would be unaware of the new behavior of automatic backup.
37759985	N	3	EPAP 17.0.6: Key exchange issue on 16.3.1	
37957769	N	3	EPAP 17.0.0.7.0: Installation/ Upgrade documentation requires changes with respect to DIU files in the home folder time-taking impact	
38564661	Y	3	Disable Remote Restore During PDB Restore	No practical impact to customers, as customers rarely, if ever, restore the remote PDB at the same time as the local PDB. The change is expected to be unnoticed by customers.
38638196	N	3	Eagle connection is lost sometimes when EPAP is rebooted	
36767606	N	4	Cisco Switch Configuration from platcfg menu	
38065680	N	4	EPAP 17.1: Server Authorized IP Issue	

Table 8-1 (Cont.) EPAP Release 18.0.0.0-180.6.0 Resolved Bugs (June 2026)

Bug Number	SR	Severity	Title	Customer Impact
38831843	N	4	Support APPD in EPAP	
38832011	N	4	Support DIU upgrade for APPD hardware in EPAP	
38942231	N	4	EPAP 18.0 - Update JQuery to latest available version	

8.3 Customer Known Bug List

EPAP Release 18.0 Customer Known Bugs

The following table lists the known bugs and associated customer impact statements.

Table 8-2 EPAP Release 18.0 Customer Known Bugs (June 2026)

Bug #	SR	Sev	Title	Customer Impact
39183325	Y	3	PDB Export takes longer after upgrade to EPAP 17	Customers will have to adjust expectations as the export takes longer.
39230573	N	3	Enabling watcher takes high amount of CPU	Customers may encounter slow provisioning as CPU resource is limited.

9

Oracle References and Services

This chapter describes how to obtain help, where to find related documentation, and provides other general information.

9.1 Product Support

The information in this document addresses the product releases that are currently covered under Premier Support and also some product releases that are no longer covered under Premier Support. See [Lifetime Support for your Oracle Application Unlimited Products](#) on the Applications Unlimited Lifetime Support web page for support information.

Refer to the Release Notes of each product release for information related to supported upgrade paths.

9.2 Locate Product Documentation on the Oracle Help Center Site

Oracle Communications customer documentation is available on the web at the Oracle Help Center (OHC) [Oracle Help Center \(OHC\)](#) 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 [OHC](#).
2. Click **Industries > Communications**. The Communications Documentation page appears.
3. Under **Signalling and Policy** header, select **EAGLE**.
The list of entire documentation set for EAGLE Product Line and releases appears.
4. Click on your Product and then the Release Number.
A list of the entire documentation set for the selected product and release appears.
5. To download a file to your location, right-click the PDF link, click **Save Target As** (or similar command based on your browser), and save to a local folder.

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

Oracle Communications software is available for electronic download at 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.

A

Firmware Components

This appendix is not applicable to EAGLE, ExAP or LSMS releases. The firmware components are software that is installed on the hardware. These components are listed in the Firmware Release Notice. For more information, see the latest Firmware Release Notice.