Oracle® Communications
EAGLE Compatibility Matrix

Release 47.0

F41437-06

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ORACLE®

Oracle Communications EAGLE Compatibility Matrix, Release 47.0

F41437-06

Contents

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 notification

  Any 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

This section introduces the documentation updates for Release 47.0 in Oracle Communications EAGLE Compatibility Matrix.

Release 47.0 - F41437-06, January 2025

Updated footnote 1 to specify the options for automatic synchronization in the EAGLE Compatibility section.

Release 47.0 - F41437-05, July 2023

Made formatting changes.

Release 47.0 - F41437-04, July 2023

Updated the compatibility of EAGLE 46.7 and EAGLE 46.8 with EPAP 17.0 in EAGLE Compatibility.

Release 47.0 - F41437-03, March 2023

Added compatibility information for EPAP 17.0 and EAGLE 47.0.

Release 47.0 - F41437-02, October 2022

Added compatibility information for FTRA 5.0 and EAGLE 47.0.

Release 47.0 - F41437-01, September 2022

Updated the document with EAGLE 47.0 compatibility information.

1
Overview

This document defines the release-specific compatibilities for the EAGLE product family, including the compatibility between EAGLE and Performance Intelligence Center (PIC). The document provides information about the compatibility across the following products:

- EAGLE
- EAGLE LNP Application Processor (ELAP)
- EAGLE Application Processor (EPAP)
- EAGLE Element Management System (EMS)
- EAGLE FTP Table Base Retrieval (FTRA)
- Local Service Management System (LSMS)
- Performance Intelligence Center (PIC)

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. Refer to Lifetime Support for your Oracle Applications 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.

2
Product-Wise Compatibility

This section defines the following release specific compatibilities:

- EAGLE Compatibility
- EMS Compatibility with EPAP and LSMS
- LSMS Compatibility with ELAP

Legend

The following terms are used to define the product compatibilities:

- **FC**: Fully Compatible
- **PC**: Partially Compatible. Product combinations are functional but have not undergone complete regression testing. Some feature capabilities may not be fully functional or supported. Partial Compatibility is provided to support the short period of time while customers upgrade components of the EAGLE product family.
- **NC**: Not Compatible

2.1 EAGLE Compatibility

The following table defines compatibility of EAGLE with different products:

Table 2-1   EAGLE Compatibility Matrix

EAGLE	ELAP		EPAP		EMS		FTRA		PIC	
Release	Release	Compatibility	Release	Compatibility	Release	Compatibility	Release	Compatibility	Release	Compatibility
47.0	10.2	FC	17.0	FC	46.6	PC[1]	5.0	FC[2]	10.4	FC[3]
	10.2	FC	16.4	FC	46.6	PC[1]	5.0	FC [2]	10.4	FC [3]
	10.1	PC[4]	16.3	PC	46.5	NC	4.5	FC[5]	10.3	PC[3]
			16.2	PC			<4.5	NC	10.2	PC[3]
46.9.3	10.2	FC	17.0	FC	46.6	PC[6]	5.0	FC[2]	10.4	FC[3]
	10.2	FC	16.4	FC	46.6	PC[6]	5.0	FC[2]	10.4	FC[3]
	10.1	PC[4]	16.3	PC	46.5	NC	4.5	FC[7]	10.3	PC[3]
			16.2	PC			<4.5	NC	10.2	PC[3]
46.9	10.1.x	FC	17.0	FC	46.6[8]	FC	5.0	FC[2]	10.4	FC[9]
	10.1.x	FC	16.4	FC	46.6[8]	FC	5.0	FC[2]	10.4	FC[9]
	10.0.x	NC	16.3	PC	46.5	NC	4.5[10]	FC[117]	10.3	FC[9]
			16.2	PC			<4.5	NC	10.2.1	NC
			16.1	NC						
46.8	10.1	FC	17.0	NC	46.6[8]	FC	4.5[10]	FC[12]	10.4	FC[9]
	10.1	FC	16.4	NC	46.6[8]	FC	4.5[10]	FC[12]	10.4	FC[9]
			16.3	FC	46.5	PC			10.3	FC[9]

Table 2-1   (Cont.) EAGLE Compatibility Matrix

EAGLE Release	ELAP Release	ELAP Compatibility	EPAP Release	EPAP Compatibility	EMS Release	EMS Compatibility	FTRA Release	FTRA Compatibility	PIC Release	PIC Compatibility
			16.2	PC					10.2.1	FC[9]
			16.1	PC					10.1	NC
46.7	10.1	FC	17.0	NC	46.6[8]	FC	4.5[10]	FC[13]	10.4	FC[9]
	10.1	FC	16.4	NC	46.6[8]	FC	4.5[10]	FC[13]	10.4	FC[9]
			16.3	FC	46.5	PC			10.3	FC[9]
			16.2	PC					10.2	FC[9]
			16.1	PC					10.1	FC[9]
									10.0	NC
46.6	10.1	FC	16.4	NC	46.6	FC	4.5[10]	FC[13]	10.4	FC[9]
			16.3	PC	46.5	PC			10.3	FC[9]
			16.2	FC	46.3	PC			10.2	FC[9]
			16.1	PC					10.1	FC[9]
									10.0	NC
46.5	10.1	FC	16.4	NC	46.6	FC	4.5[10]	FC[13]	10.4	FC[9]
	10.0	PC	16.3	PC	46.5	FC			10.3	FC[9]
			16.2	FC	46.3	PC			10.2.1	FC[9]
			16.1	FC	46.2	PC			10.2	FC[9]
			16.0	PC					10.1	FC[9]
									10.0	NC
46.4	10.1	FC	16.2	FC	46.6	NC	4.5[10]	FC[14]	10.2.1	FC[9]
	10.0	NC	16.1	FC	46.5	PC			10.2	FC[9]
			16.0	NC	46.3	FC			10.1	FC[9]
					46.2	NC			10.0	NC
46.3	10.1	FC	16.2	FC	46.6	FC	4.5[10]	FC[14]	10.2.1	FC[9]
	10.0	PC	16.1	FC	46.5	PC			10.1	FC[9]
			16.0	PC	46.3	FC			10.0	FC[9]
			15.0	PC	46.2	PC			9.0	FC[9]
					46.0	PC				
46.2	10.0	FC	16.0	FC	46.5	PC	4.5[10]	FC[15]	10.2.1	FC[9]
	9.0	NC	15.0[9]	PC	46.3	NC			10.2	FC[9]
			14.0	NC	46.2	FC			10.1	FC[9]
					46.0	PC			10.0	FC[9]
					45.0	PC			9.0	FC[9]

[1] EMS 46.6.2 and above are fully compatible with EAGLE. In case of automatic resynchronization failure, there is an option to do the manual resynchronization. Automatic resynchronization can be initiated in following cases:

  1. On EAGLE addition
  2. Change of EAGLE southbound protocol (TL1 to SNMP or SNMP to TL1)
  3. EMSALM connection breaks and a switch to next configured EMSALM terminal
  4. Eagle sends an auto-resync message to EMS

  Practically for production system, customers will see automatic resync fail when they do EAGLE addition for the first time.

[2]   FTRA 5.0 is tested with JAVA JDK Version 13.0.2 for Linux and JRE 1.8.0_321 for Windows.

[3]   J7 support not available for PIC

[4]   Compatible up to LNP database capacity of 504M. ELAP 10.2 is required for LNP database capacity of 756M.

[5]   FTRA 4.5 is tested with JAVA JDK Version 13.0.2 for Linux and JRE 1.8.0_321 for Windows.

[6]   EMS 46.6.3 and above are fully compatible with EAGLE

[7]   FTRA 4.5 is tested with JAVA JDK version 13.0.2 for Linux and JRE 1.8.0_261-b12 for Windows server.

[8]   Only EMS 46.6.2 and later are compatible with the indicated EAGLE release.

[9]   J7 Point Code format is NOT supported on PIC or EPAP 15.0.

[10]   The latest build of FTRA 4.5 is build 40.34.0 and can be found on My Oracle Support (MOS). Refer to the FTRA 4.5 Release Notes on Oracle Help Center for the bug fix content in that FTRA build.

[11]   From EAGLE 46.9, FTRA is not supported on Unix servers.

[12]   FTRA 4.5 is tested with JAVA version 12.0.1 for Linux and Windows servers and with JAVA version 1.8.0_211 for Unix servers.

[13]   FTRA 4.5 is tested with JAVA version 8 update 121.

[14]   FTRA 4.5 is tested with JAVA version 1.8.0_73-b02 installed on Windows 7 & 8, and 1.8.0_73-b02 installed on UNIX..

[15]   FTRA 4.5 is tested with JAVA version 1.8.0_31-b13.

2.2 EMS Compatibility with EPAP and LSMS

The following table defines compatibility of EMS with EPAP and LSMS:

Table 2-2   EMS Compatibility with EPAP and LSMS

EMS	EPAP		LSMS	
Release	Release	Compatibility	Release	Compatibility
46.6	17.0	FC	13.5	FC
	16.4	FC	13.5	FC
	16.3	FC	13.4	FC
	16.2	FC	13.3	FC
	16.1	PC	13.2	FC
			13.1	PC
46.5	17.0	PC	13.5	FC
	16.4	NC	13.5	FC
	16.3	PC	13.4	FC
	16.2	FC	13.3	FC
	16.1	PC	13.2	FC
			13.1	PC
46.3	17.0	NC	13.3	PC
	16.2	PC	13.3	PC
	16.1	FC	13.2	FC
	16.0	PC	13.1	PC
			13.0	PC
46.2	16.0	FC	13.1	FC
			13.0	FC

2.3 LSMS Compatibility with ELAP

The following table defines compatibility of LSMS with ELAP:

Table 2-3   LSMS Compatibility with ELAP

LSMS	ELAP	
Release	**Release**	**Compatibility**
13.5	10.2	FC
	10.1	PC[1]
13.4	10.2	PC
	10.1	FC
	10.0	PC[2]
13.3	10.2	PC
	10.1	FC
	10.0	PC[2]
13.2	10.1	FC
	10.0	PC[2]

[1] Compatible up to LNP database capacity of 504M. ELAP 10.2 is required for LNP database capacity of 756M.

[2] Partially Compatible up to 384M database capacity; Not Compatible greater than 384M database capacity.