Oracle® Communications EAGLE Query Server

Release Notes

Release 1.0

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ORACLE®

Oracle Communications EAGLE Query Server Release Notes, Release 1.0

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Chapter 1

Introduction

This Release Notes includes Feature Descriptions, Media and Documentation pack contents, and identifies Supported Upgrade Path(s). 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.

Chapter 2

Feature Descriptions

Topics:

- *EAGLE Query Server on COTS Hardware 8*
- *EAGLE Query Server Support EPAP 8*
- *Support of IPv6 on EAGLE Query Server 8*
- *Enhancement Bugs.....9*

This Release delivers the following features:

- *EAGLE Query Server on COTS Hardware*
- *EAGLE Query Server Support EPAP*
- *Support of IPv6 on EAGLE Query Server*

EAGLE Query Server on COTS Hardware

The EAGLE Query Server is developed and deployed on commercial off the shelf (COTS) hardware platform.

The EAGLE Query Server is compatible with version 6.7 or later of the x86-64 Red Hat Enterprise Linux 6 (RHEL)/ Oracle Linux Operating System.

Hardware

The EAGLE Query Server is installed on a virtual machine environment. The Master and Slave EAGLE QS supports the following minimum hardware requirements:

Table 1: Hardware Setup Detail

Server Type	OS	Release	Arch	Processor	Number of Core	Available Disk Space for Application	Memory Size
VM	Oracle Linux/RHEL	6.7 or later	X86_64	Intel® Xeon® CPU L5410 @2.33GHz	16	500 GB	16 GB

EAGLE Query Server Support EPAP

This feature enhances the current EPAP architecture and performance through an external query server, providing offline query support for EPAP databases. This feature offers standard query interfaces, including SQL and access to MNP data.

The Provisionable EPAP (either Active or Standby PDB) is be able to connect to one "master" EAGLE Query Server. The Provisionable EPAP can be either Standalone PDB or Mixed EPAP.

See *Query Server User's Guide* for more information.

Support of IPv6 on EAGLE Query Server

The EAGLE Query Server supports the configuration of both IPv4 and IPv6 addresses on provisioned EPAPs in order to establish a connection with the Master and Slave QS, as well as with the MySQL Query Client.

See *Query Server User's Guide* for more information on IPv4 and IPv6 address support.

Enhancement Bugs

There are no enhancement bugs in this release.

Chapter 3

Media and Documentation

Topics:

- *Media Pack.....11*
- *Documentation Pack.....11*

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 *Table 2: Media Pack Contents*.

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 2: Media Pack Contents

Name
Oracle Communications EAGLE Query Server (1.0.0.0.0), Linux x86-64

Documentation Pack

All documents available for download from the Oracle Technology Network (OTN) site (*http://docs.oracle.com*) are listed in *Table 3: Documentation Pack Contents*.

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: Documentation Pack Contents

EAGLE Query Server Core Documentation
Release Notes
User's Guide
Security Guide
Upgrade/Installation Documentation
Installation Guide
Reference Documentation
Licensing Information User Manual

Chapter 4

Upgrade Paths

Topics:

- *Upgrade Path.....13*

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.

Upgrade Path

There is no upgrade path to Release 1.0, as it is the first release of the EAGLE Query Server.

Chapter 5

Product Compatibility

Topics:

- *Product Compatibility.....15*

This section shows release-specific compatibility with other related products.

Product Compatibility

Table 4: EAGLE Query Server Compatibility with EPAP shows EAGLE Query Server 1.0 compatibility with EPAP.

Table 4: EAGLE Query Server Compatibility with EPAP

Product	Release	Compatibility
EPAP	16.1	FC

Note: Customers should upgrade to the Fully Compatible release identified in the previous table.

Legend:

- FC - Fully Compatible

Chapter 6

Resolved and Known Bugs

Topics:

- *Severity Definitions.....17*
- *Resolved Bug Listing.....17*
- *Customer Known Bug Listing.....18*

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

There are no Resolved Bugs in Release 1.0, as it is the first release of the EAGLE Query Server.

Customer Known Bug Listing

Table 5: EAGLE Query Server Release 1.0 Customer Known Bugs (Feb. 2017) lists known bugs in this release:

Table 5: EAGLE Query Server Release 1.0 Customer Known Bugs (Feb. 2017)

Bug #	SR	Sev	Title	Customer Impact
25227991		3	EPAP16.1_QS:Import via scripts not working for SOG.	Data provisioned using the SOG interface will not be replicated to the Query Server. PDBI should be used for data that should be replicated to the Query Server.

Chapter 7

Oracle References and Services

Topics:

- *My Oracle Support (MOS).....20*
- *Emergency Response.....20*
- *Customer Training.....21*
- *Locate Product Documentation on the Oracle Help Center Site.....21*
- *Locate Product Release Software on the Oracle Software Delivery Cloud Site.....21*

My Oracle Support (MOS)

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

Call the CAS 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:

1. Select **2** for New Service Request
2. Select **3** for Hardware, Networking and Solaris Operating System Support
3. Select one of the following options:
   - For Technical issues such as creating a new Service Request (SR), Select **1**
   - For Non-technical issues such as registration or assistance with MOS, Select **2**

You will be connected to a live agent who can assist you with MOS registration and opening a support ticket.

MOS is available 24 hours a day, 7 days a week, 365 days a year.

Emergency Response

In the event of a critical service situation, emergency response is offered by the Customer Access Support (CAS) main number at 1-800-223-1711 (toll-free in the US), or by calling the Oracle Support hotline for your local country from the list at *http://www.oracle.com/us/support/contact/index.html*. The emergency response provides immediate coverage, automatic escalation, and other features to ensure that the critical situation is resolved as rapidly as possible.

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.

Customer Training

Oracle University offers expert training on Oracle Communications solutions for service providers and enterprises. Make sure your staff has the skills to configure, customize, administer, and operate your communications solutions, so that your business can realize all of the benefits that these rich solutions offer. Visit the Oracle University web site to view and register for Oracle Communications training: *education.oracle.com/communication*. To reach Oracle University:

- In the US, please dial 800-529-0165.
- In Canada, please dial 866-825-9790.
- In Germany, please dial 0180 2000 526 (toll free) or +49 8914301200 (International).
- In Spain, please dial +34 91 6267 792.
- In the United Kingdom, please dial 0845 777 7 711 (toll free) or +44 11 89 726 500 (International).

For the appropriate country or region contact phone number for the rest of the world, please visit Oracle University's web site at *http://www.oracle.com/education/contacts*.

Locate Product Documentation on the Oracle Help Center Site

Oracle Communications customer documentation is available on the web at the Oracle Help Center (OHC) 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 appears. Most products covered by these documentation sets will appear under the headings “Network Session Delivery and Control Infrastructure” or “Platforms.”
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, select **`Save target as`** (or similar command based on your browser), and save to a local folder.

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.

Appendix A

Firmware Components

This appendix is not applicable to EAGLE, ExAP or LSMS releases.