

**Oracle® Communications
Policy Management Release 10.5.5**

Policy R10.5.5 Maintenance Release

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Oracle® Communications Policy R10.5.5 Maintenance Release

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Chapter 1

Introduction

Oracle Communications Policy Management (OCPM) Release 10.5.5 is a maintenance release for the 10.5.X code stream.

This Maintenance Notice includes 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. Directions for accessing key Oracle sites and Services are also identified in the [Oracle References and Services](#) chapter.

Policy Management Release 10.5.5 Media and Documentation

Topics:

- [Media Pack.....7](#)
- [Documentation Pack.....7](#)

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 1: 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 1: Media Pack Contents

Name
Oracle Communications Policy Configuration Management Platform 10.5.5.0.0-8.1.0
Oracle Communications Policy Front End 10.5.5.0.0-8.1.0
Oracle Communications Policy Multimedia Policy Engine 10.5.5.0.0-8.1.0

Documentation Pack

All documents available for download from the Oracle Technology Network (OTN) site (<http://docs.oracle.com>) are listed in *Table 2: Documentation Pack Contents*.

Note: This list is accurate at the time of release, but is subject to change. Please view the OTN site for the latest information.

Table 2: Documentation Pack Contents

Name
Release Notes 10.5.0
Release Notes 10.5.1
Release Notes 10.5.2
Release Notes 10.5.3
Release Notes 10.5.4
Release Notes 10.5.5
New Policy Rule Variables Documentation Bulletin
Feature Notice
Roadmap to Hardware Documentation
Configuration Management Platform Wireless User Guide
Platform Configuration User Guide
SNMP User Guide
OSSI XML Interface Definitions Reference Guide

Name
Multi-Protocol Routing Agent User Guide
Troubleshooting Reference Guide
Analytics Data Stream Reference

Chapter 3

Supported Hardware Baseline

Topics:

- *Supported Hardware Baseline.....10*

The Hardware identified in *Table 3: Supported Hardware Baseline* comprises the hardware and server versions that have been verified with this Release.

Supported Hardware Baseline

Table 3: Supported Hardware Baseline

Hardware	Description
HP Gen6 and Gen8 Rack Mount Servers	DL380 Rack Mount Servers configure as defined in configuration workbook
HP Gen6 and Gen8 C-Class Blades	C-Class Blade Servers configured as defined in configuration workbook

Policy Management Release 10.5.5 Supported Upgrade Paths

Topics:

- [Supported Upgrade Paths.....12](#)

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.

Supported Upgrade Paths

The possible upgrade paths to Policy Management Release 10.5.5 are listed below.

Table 4: Policy Management Release 10.5.5 Upgrade Paths

From	To
8.0.6	10.5.5
9.1.X	10.5.5
10.5.X	10.5.5 [replication NOT turned on]

It is recommended to upgrade in the following order:

- CMP
- MRA
- MPE

Chapter 5

Policy Management Release 10.5.5 Resolved and Known Bugs

Topics:

- *Severity Definitions.....14*
- *Customer Known Bug Listing.....14*
- *Resolved Bug Listing.....15*

This chapter lists the Resolved and Known Bugs for Policy Management Release 10.5.5

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

The numbered severity levels in the tables below correspond to these definitions:

- 1 - Critical
- 2 - Major
- 3 - Minor

Customer Known Bug Listing

Table 5: Policy Management Release 10.5.5 Customer Known Bugs lists known bugs in this release:

Table 5: Policy Management Release 10.5.5 Customer Known Bugs

Bug Number	Severity	Title	Customer Impact
19114053	3-Minor	237360 [quota] MPE is sending 2 successive UDRs that are the same when the session terminates with quota usage	2 UDRs may be sent with different Service Indications instead of a combined UDR. This will increase traffic unnecessarily.
19114317	2-Major	237559 SGSN IP getting erased when enabling rc logs at Trace Level	Customer Impact is minimal as the issue happens only if the rc.logs are set at TRACE level or higher which is something that customer does not do in Production .
19110072	3-Minor	234213 No SLR-I triggered when the DSR INIT connection	If the DSR or other diameter router initiated the diameter connection, the MPE cannot handle messages from that connection
19114190	3-Minor	237457 [CMP audit log] unneeded messages about policy group being re-ordered when it is being removed from deployment	No Subscriber impact
19114192	3-Minor	237459 [CMP audit log] the audit log does not display the changes made to the subscriber in SPR GUI	No Subscriber impact
19115102	3-Minor	238185 Pool account ID should not exist	No Subscriber impact
19115103	3-Minor	238186 Pool profile information head line is incorrect	No Subscriber impact
20482842	3-Minor	[Sy] Standalone Sy session creation even though No user in SPR	For customers who have "Validate User" enabled and who have subscribers provisioned on the OCS, but not the SPR, we created orphaned Sy sessions.
20417815	3-Minor	Billing day as 0 in Global billing should not be allowed	No impact unless there is a configuration issue.

Resolved Bug Listing

[Table 6: Policy Management Release 10.5.5 Resolved Bugs](#) lists bugs that are resolved in the following builds:

Application Lineup

- Oracle Communications Policy Configuration Management Platform 10.5.5.0.0-8.1.0
- Oracle Communications Policy Front End 10.5.5.0.0-8.1.0
- Oracle Communications Policy Multimedia Policy Engine 10.5.5.0.0-8.1.0

Platform Lineup

- TPD 5.1.1_73.5.4
- Comcol 7.0p230.10296

Note: Resolved bugs are sorted in ascending order by Severity (Sev), and then by Bug number.

Table 6: Policy Management Release 10.5.5 Resolved Bugs

Bug number	SR#	Severity	Title
19468595	n/a	3-Minor	Sy - Alternate Filter does not work properly on PNR triggered lookup
19807586	n/a	3-Minor	Combined PNR from HSS does not update user profile
20034130	3-9855944301	2-Major	UDR is retried incorrectly after a timeout
20053928	n/a	3-Minor	Stale quota usage is considered towards new grant when there are multiple sessions per user
20256951	n/a	3-Minor	Replication and process failure issues on new site turn up
20281324	n/a	3-Minor	CCR-U usage with revalidation-timeout not deducted during rollover calculation
20293069	3-9950661891	2-Major	Quota change in 9.1.10 - {Session.NextBillingDate(yyyy-MM-dd)}T00:31:00
20305468	n/a	3-Minor	Session not found from CMP session viewer while it is in rcmgr
20352341	3-9733617324	3-Minor	Add a way to disable the Audit Arbitrator
20417348	3-10031820311	3-Minor	After out_of_sync , MPE not checking for all service indications
20440500	n/a	3-Minor	Incorrect rollover calculation after changing immediate Billing day
20516138	n/a	3-Minor	User object not deleting properly on Sy related errors
20548149	n/a	3-Minor	Dynamic grant is not calculated correctly for 2nd Pool subscriber after NRT
20479739	3-10225994201	2-Major	MPE memory usage near 100% on active and standby

Chapter 6

Oracle References and Services

Topics:

- *My Oracle Support (MOS).....18*
- *Emergency Response.....18*
- *Customer Training.....18*
- *Locate Product Documentation on the Oracle Technology Network Site.....19*
- *Locate Product Release Software on the Oracle Software Delivery Cloud Site.....19*

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 Technology Network Site

Oracle customer documentation is available on the web at the Oracle Technology Network (OTN) 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 www.adobe.com.

1. Log into the Oracle Technology Network site at <http://docs.oracle.com>.
2. Select the Applications tile.
The **Applications Documentation** page appears.
3. Select Apps A-Z.
4. After the page refreshes, select the Communications link to advance to the **Oracle Communications Documentation** page.
5. Navigate to your Product and then the Release Number, and click the View link (note that the Download link will retrieve the entire documentation set).
6. To download a file to your location, right-click the PDF link and select Save Target As.

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 (OSDC) site, <https://edelivery.oracle.com>. Only authorized customers with a valid password may download software from the site.

1. Log into the Oracle Software Delivery Cloud site at <https://edelivery.oracle.com>.
The **Terms & Restrictions** page appears.
2. Read and accept both the Oracle Trial License Agreement and the Export Restrictions Agreement.
The **Media Pack Search** page appears.
3. Select Oracle Communications for Product Pack and Tekelec for Platform.
4. Click the **Go** button.
All media packs that meet the search criteria are displayed on the page.
5. Select the media pack for your Product and Release Number and click the **Continue** button.
The **Download** page appears.
6. Provide a valid password in the **Password** field and click the **Go** button.
7. To download a file to your location, click the **Download** button.

Appendix

A

Firmware Components

Topics:

- [Firmware Components.....21](#)

The firmware components are software that is installed on the hardware. These components are listed in this chapter, and are also listed in the Firmware Release Notice. Please refer to the latest Firmware Release Notice for any updates to this list.

Firmware Components

The firmware document is available on the Oracle Technology Network (OTN) site at http://docs.oracle.com/cd/E57059_01/docs.67/E54964.pdf.