

Oracle® Communications
User Data Repository Release 10.0.1

Release Notes

E64224 Revision 02

November 2015

Oracle® Communications User Data Repository Release 10.0.1 Release Notes

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Document Revision History

This table lists the revision history for this book.

Table 1: Document Revision History

Version	Date	Description
E64224-01	June 2015	Initial release
E64224-02	November 2015	Documentation updates for Patches 1-4: Added patch bug and build information.

Chapter 1

Introduction

The OCUDR 10.0.1.0.0 release is a Maintenance Release for the 10.0.0.0.0 code stream.

This Release Notice identifies the functions and features of Oracle Communications User Data Repository (OCUDR) Release 10.0.1.0.0 that includes Feature Descriptions, supported Hardware Baseline, Media and Documentation pack contents, as well as identifying the Supported Upgrade Paths.

This document also includes listings of both the resolved and known Bugs for this release and its associated patches.

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

Release Notices are included in the Documentation Pack made available with every Software Release.

Chapter

2

Feature Descriptions

This maintenance release has no new features. For features in the 10.0.0.0.0 release, refer to the Oracle Communications User Data Repository Release 10.0.0 *Release Notes* on <http://docs.oracle.com>.

Chapter 3

OCUDR 10.0.1 Media and Documentation

Topics:

- [Media Pack.....9](#)
- [Documentation Pack.....9](#)

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

This is a list of all components available for download from the Oracle Software Delivery Cloud (<https://edelivery.oracle.com/>).

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 User Data Repository 10.0.1.0.0-10.22.0
Oracle Communications Tekelec Platform Distribution 6.7.0.0.1-84.18.0
Oracle Communications Tekelec Platform Management and Configuration 5.7.0.0.2-57.18.0
Oracle Communications Tekelec Virtual Operating Environment 2.7.0.0.0-84.20.0

Documentation Pack

This is a list of all documents available for download from the Oracle Help Center site (<http://docs.oracle.com/>).

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

Table 3: Documentation Pack Contents

Name
Release Notes
Core OCUDR Release 10.0.1 Documentation
Operation, Administration, and Maintenance User's Guide
Communication Agent User's Guide
Diameter Common User's Guide
Diameter User's Guide
Enhanced Subscriber Profile Repository User's Guide
Alarms, KPIs, and Measurements Reference
SOAP Provisioning Interface Reference

Name
REST Provisioning Interface Reference
Import / Export File Interface Reference
Hardware Documentation Roadmap Reference
Related Publications Reference
OCUDR Release 10.0.1 Installation and Disaster Recovery
Software Upgrade Procedure
UDR Installation and Configuration Procedure
Network Interconnect Reference
Disaster Recovery Guide

Chapter 4

Supported Hardware Baseline

Topics:

- [Supported Hardware Baseline.....12](#)

The Hardware identified in this table comprises the hardware and server versions that have been verified with this Release.

Supported Hardware Baseline

Table 4: Supported Hardware Baseline

Hardware	Description
HP G8 C-Class Normal Capacity	Consists of 2x128GB blades + 2x192GB blades + 2 storage arrays <ul style="list-style-type: none"> • Servers are equipped with 2x900GB HDDs and mezzanine card with 10GB networking • Storage arrays are equipped with 12x146GB 15K RPM HDDs
HP G8 C-Class Low Capacity	Consists of 2x192GB blades + 2 storage arrays <ul style="list-style-type: none"> • Servers are equipped with 2x900GB HDDs and mezzanine card with 10GB networking • Storage arrays are equipped with 12x146GB 15K RPM HDDs
HP G8 Rack Mount Server (RMS)	Consists of 2x192GB RMS <ul style="list-style-type: none"> • Servers are equipped with 2x900GB HDDs and mezzanine card with 10GB networking • Servers are equipped with 12x146GB 15K RPM HDDs

Chapter 5

OCUDR 10.0.1 Supported Upgrade Paths

Topics:

- [Supported Upgrade Paths.....14](#)

This release has been tested for upgrade from the prior release; this chapter contains the exact path for upgrade. Please verify that your current installed release is listed on the valid upgrade path.

Supported Upgrade Paths

The possible upgrade path to OCUDR Release 10.0.1 is listed below.

Table 5: OCUDR Release 10.0.1 Upgrade Paths

From	To
10.0.0	10.0.1

Note:

- Any upgrade other than listed above is not recommend or supported.
- 10.0.1 is supported as a new/fresh installation.

Chapter 6

OCUDR 10.0.1 Resolved and Known Bugs

Topics:

- *Severity Definitions.....16*
- *Resolved Bug Listing.....16*
- *Customer Known Bug Listing.....22*

This chapter lists the Resolved and Known Bugs for OCUDR 10.0.1.

These 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

Resolved Bug Listing

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

Application Lineup 10.0.1 MR

OCUDR 10.0.1 Resolved and Known Bugs

- UDR 10.0.1.0.0-10.22.0

Platform Lineup

- TPD 64-bit 6.7.0.0.1-84.20.0
- TVOE 2.7.0.0.0-84.20.0
- PMAC 5.7.0.0.2-57.18.0
- COMCOL 6.3-p210
- AppWorks 5.7.0-57.28.0
- EXGSTACK 6.7.0-67.24.0
- DPI 6.0.0-60.27.0
- HP Solutions Firmware Upgrade Pack Software Centric Release Notes Release 2.2.8 (see [HP Solutions Firmware Release 2.2.8](#) for details)

The above listed load line-up provides a view of our GA milestone release. Firmware release 2.2.8 was used with this release. The Firmware is addressed by an independent manufacturer (e.g., HP) and will have additional release guidance and requirements. We recommend review of the line-up prior to system upgrade.

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

Table 6: OCUDR Release 10.0.1.0.0 Resolved Bugs

Bug number	SR#	Title	Severity
20179765	N/A	RAS Process restart observed during SOAK duration run	2
20320150	N/A	RAS process get restarted if Provisioning Client IP contain 14/15 characters	2
20602528	N/A	Ousted fragments found on NO active switch over. Audit stuck	2
20602654	N/A	"ras" process restarted when "Request Content" is being sent instead of "None"	2
20602493	N/A	OCUDR backups fill up disk space too quickly	3
20602511	N/A	Patch for Pre Upgrade Backup	3
20602545	N/A	NTP Synchronization issue faced during Long Duration Run on 2-Site RMS Setup	3
20602590	N/A	Prov Import file status is complete but system does not import any more	3
20602600	N/A	Alarm for NO RAS Client Connection appears on system while REST traffic running	3
20602641	N/A	Stale SOAP connection in GUI	3
20602676	N/A	RxInvalidDelete gets pegged for PUR update request	3
20602691	N/A	File import status reports as partially completed but all commands were executed	3

OCUDR 10.0.1 Resolved and Known Bugs

Bug number	SR#	Title	Severity
20602708	N/A	Failed to remove CID 126 traces when deleting the Subscribing Client Permission	3
20602561	N/A	prod.dbdown needs to be removed from upgrade script	3
20855320	N/A	Client Host only permit 32 characters when configured on NO GUI	3
20585877	N/A	OCUDR 10.0 Support for 2x64GB blade configuration	4
20631715	N/A	Provisioning with Durability Confirmation option on Provisioning Options GUI	4
20764072	N/A	OCUDR configuration and characterization support for RMS in OCUDR R10.0.1	4
20800266	N/A	Provisioning command log should contain SOAP and REST requests/responses	4
20714872	N/A	OCUDR SOAP and REST interfaces must allow key values to be deleted	Enhancement
20715139	N/A	OCUDR Support for Updating and Deleting fields in the same SOAP request	Enhancement
20715170	N/A	OCUDR needs to support "GetPoolID" command case in-sensitive	Enhancement
20729151	N/A	OCUDR support of DB export files with 30M or more subscribers	Enhancement
20916366	N/A	Removal of software enforcement of 10 members in a pool	Enhancement

Resolved Bug Listing Patch 1

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

Application Lineup Patch 10.0.1.1.0

- UDR 10.0.1.1.0-10.24.2

Platform Lineup

- TPD 64-bit 6.7.0.0.1-84.20.0
- TVOE 2.7.0.0.0-84.20.0
- PMAC 5.7.0.0.2-57.18.0
- COMCOL 6.3-p210
- AppWorks 5.7.0-57.28.0
- Exgstack 6.7.0-67.24.0
- DPI 6.0.0-60.27.0
- HP Solutions Firmware Upgrade Pack Software Centric Release Notes Release 2.2.8 (see [HP Solutions Firmware Release 2.2.8](#) for details)

OCUDR 10.0.1 Resolved and Known Bugs

The above listed load line-up provides a view of our GA milestone release. Firmware release 2.2.8 was used with this release. The Firmware is addressed by an independent manufacturer (e.g., HP) and will have additional release guidance and requirements. We recommend review of the line-up prior to system upgrade.

Note: Customer Known bugs are sorted in ascending order by Severity (Sev).

Table 7: OCUDR Patch 10.0.1.1.0 Resolved Bugs

Bug number	SR	Title	Severity
21206781	N/A	Ras process restarted observed for GET operation in Dynamic Quota Row	2
21238896	N/A	Dynamic Quota Entity is automatically changed to Transparent in Patch 10.0.1.1.0	3
21228065	N/A	OCUDR NOAM GUI uses EDT in some screens regardless of configured timezone	4
21216017	N/A	REST Delete Row operation is FAIL if the subscriber does not contain any rows	3
21207400	N/A	Incorrect error response observed for GET operation when field is being deleted	3
21210452	N/A	et Row REST commands fails with case sensitive Quota XML	3
21236206	N/A	RAS process restart when Dynamic Quota is changed to Opaque Entity (10.0.1 Patch)	2

Resolved Bug Listing Patch 2

This table lists bugs that are resolved in the following builds:

Application Lineup Patch 10.0.1.2.0

- UDR 10.0.1.2.0-10.25.1

Platform Lineup

- TPD 64-bit 6.7.0.0.1-84.20.0

- TVOE 2.7.1.0.0-84.28.0
- PMAC 5.7.0.0.2-57.18.0
- COMCOL 6.3-p210
- AppWorks 5.7.0-57.28.0
- EXGSTACK 6.7.0-67.24.0
- DPI 6.0.0-60.27.0
- HP Solutions Firmware Upgrade Pack Software Centric Release Notes Release 2.2.8 (see [HP Solutions Firmware Release 2.2.8](#) for details)

The above listed load line-up provides a view of our GA milestone release. Firmware release 2.2.8 was used with this release. The Firmware is addressed by an independent manufacturer (e.g., HP) and will have additional release guidance and requirements. We recommend review of the line-up prior to system upgrade.

Note: Customer Known bugs are sorted in ascending order by Severity (Sev).

Table 8: OCUDR Patch 10.0.1.2.0 Resolved Bugs

Bug number	SR	Title	Severity
21115624	N/A	Updates required for AddToSet/RemoveFromSet SOAP operations	4
21034058	N/A	Address remaining case sensitivity issues with OCUDR entities	4
21228065	N/A	OCUDR NOAM GUI uses EDT in some screens regardless of configured timezone	4
21075671	N/A	Provisioning Row Level Updates for Dynamic Quota with REST/XML (without the SEC changes)	4
21606367	N/A	OCUDR DB Export times must be improved	4
21614847	N/A	Provisioned sub converted AE sub on Quota Row create if Quota doesn't exist	3

Resolved Bug Listing Patch 3

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

Application Lineup Patch 10.0.1.3.0

- UDR 10.0.1.3.0-10.27.0

Platform Lineup

- TPD 64-bit 6.7.0.0.1-84.20.0
- TVOE 2.7.1.0.0-84.28.0
- PMAC 5.7.0.0.2-57.21.0
- COMCOL 6.3-p210
- AppWorks 5.7.0-57.28.0
- EXGSTACK 6.7.0-67.24.0
- DPI 6.0.0-60.27.0
- HP Solutions Firmware Upgrade Pack Software Centric Release Notes Release 2.2.8 (see [HP Solutions Firmware Release 2.2.8](#) for details)

The above listed load line-up provides a view of our GA milestone release. Firmware release 2.2.8 was used with this release. The Firmware is addressed by an independent manufacturer (e.g., HP) and will have additional release guidance and requirements. We recommend review of the line-up prior to system upgrade.

Note: Customer Known bugs are sorted in ascending order by Severity (Sev).

Table 9: OCUDR Patch 10.0.1.3.0 Resolved Bugs

Bug number	SR	Title	Severity
21665085	N/A	PNR Sequence Number issue for Delete Entity	3
21772267	3-11301637951	Provisioning stopped working due to xsas db lock state	2
21661358	N/A	OCUDR Provisioning extensions to delete entites with profile update request	3
21802364	N/A	Diameter Ingress rate thresholds for Install path are not consistent with Upgrad	3
19118411	N/A	If UDR needs alarm aggregation, "oatmeal" needs to be modified	4

Resolved Bug Listing Patch 4

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

Application Lineup Patch 10.0.1.4.0

- UDR 10.0.1.4.0-10.29.0

Platform Lineup

- TPD 64-bit 6.7.0.0.1-84.20.0

- TVOE 2.7.1.0.0-84.28.0
- PMAC 5.7.0.0.2-57.21.0
- COMCOL 6.3-p210
- AppWorks 5.7.0-57.28.0
- EXGSTACK 6.7.0-67.24.0
- DPI 6.0.0-60.27.0
- HP Solutions Firmware Upgrade Pack Software Centric Release Notes Release 2.2.8 (see [HP Solutions Firmware Release 2.2.8](#) for details)

The above listed load line-up provides a view of our GA milestone release. Firmware release 2.2.8 was used with this release. The Firmware is addressed by an independent manufacturer (e.g., HP) and will have additional release guidance and requirements. We recommend review of the line-up prior to system upgrade.

Note: Customer Known bugs are sorted in ascending order by Severity (Sev).

Table 10: OCUDR Patch 10.0.1.4.0 Resolved Bugs

Bug number	SR	Title	Severity
21954694	N/A	SOAP Select Response is not a valid XML when entities are retrieved	3
22065159	N/A	xsas process abnormally terminated for SOAP request containing empty CDATA	3
22087376	N/A	">" incorrectly changed to ">" during migration and provisioning update	3

Customer Known Bug Listing

This table lists known bugs in this release:

Table 11: OCUDR 10.0.1 Customer Known Bugs

Bug Number	Severity	Title	Customer Impact
20930482	3	getPoolMember query from provisioning interface will fail if pool has more than 240 members	If a pool contains more than 240 members, getPoolMember provisioning interface query will fail.

Oracle References and Services

Topics:

- *My Oracle Support (MOS).....24*
- *Emergency Response.....24*
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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.
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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 (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.