

Oracle Communications RODOD Reference Solution Release Notes

October 2018

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Overview

The Oracle Communications Rapid Offer Design and Order Delivery (RODOD) Reference Solution is a set of concept-to-cash reference and sample materials. The RODOD Reference solution installs and configures the licensed applications and validates key concept to cash business processes. The RODOD Reference solution is intended to speed first-time installation and time-to-market for new projects. By defining a standard solution, Oracle is reducing the up-front installation, configuration, cost, complexity, risk and overall time-to-market.

Getting Started with the RODOD Reference Solution

To prepare for and install the RODOD Reference Solution, start with the pre-requisites in the *RODOD Reference Solution Getting Started Guide* and then follow the installation steps in the *RODOD Reference Solution Installation Guide*.

This document assumes you are using the unattended install scripts to deploy the RODOD Reference Solution. It also assumes you are importing the RODOD Reference Solution reference data, which provide samples to demonstrate and test the RODOD features. After you complete the installation, you can run ready-to-use sample orders that demonstrate the RODOD features and scenarios illustrated in the *RODOD Reference Solution User Guide*.

The installation process has been simplified, but it does require you to acquire media, set up the media server, set up target hosts, and perform certain installation steps manually. Users who are already familiar with a RODOD installation can complete all of these steps from start to finish within a week. Subsequent installations using the media server can be done in less than a day for each environment. See the *RODOD Reference Solution Getting Started Guide* and the *RODOD Reference Solution Installation Guide* for more details.

About the RODOD Reference Solution: What's New?

The following list provides high-level descriptions of features available with the RODOD Reference Solution:

- RODOD Application certification lineup:

Application	Version	Unattended Install
Siebel for Communications (Siebel CRM)	IP 18.7+	No
Oracle Communications Billing and Revenue Management (BRM)	12.0	No
Oracle Communications Pricing Design Center (PDC)	12.0	No
Oracle Application Integration Architecture (Oracle AIA) pre-built integrations on Oracle Fusion Middleware 12.2.1.3	12.2.0.2.0	Yes
Oracle Communications Order and Service Management (OSM) on Oracle Fusion Middleware 12.2.1.3	7.3.5.1.4	Yes
OSM Order-to-Activate Cartridges	2.1.2	Yes

- Supports unattended standalone installation of Database, FMW, OSM & AIA
- Pre-loaded reference data allowing the immediate demonstration of RODOD functionality
 - Sample products in the Broadband, VoIP and Mobile domains for co-existence and on-premises topologies
- Links to Oracle University training and recordings to learn about RODOD solution, including:
 - Recordings that demonstrate RODOD features and scenarios that can be exercised in your RODOD environment
- **Note:** Unattended installation of Siebel IP18.7 and BRM/PDC 12.0 is not supported. These applications need to be separately installed. Refer to *RODOD Reference Solution Installation Guide* for post install configurations.

Known Issues and Workarounds

This section provides manual steps and workarounds that may be necessary, depending on your specific environment or depending on the activities you may be performing within RODOD.

Unattended Installation Script Issues

Issue:

MIK scripts have been updated to support Linux 7.x OS. But in few cases it is observed that MIK scripts randomly fail and abruptly stop without any specific reason. This is primarily observed during O2C PIP deployment, wherein it fails during Design Studio installation or at times O2A cartridge deployment.

Solution:

Try running the specific steps of O2C PIP deployment individually. For example, run PrepareBRM separately, PrepareOSM separately, in the specified order.

Issue:

Pre-install validation checks do not check for every operating system package required by applications.

Because of the large number of options for operating system packages, and because the RODOD Reference Solution does not precisely list the pre-requisite operating system packages for each application, it is not possible for the unattended install scripts to perform all the necessary validations to report all the missing operating system packages that may cause an application to fail during the installation or at runtime.

Solution:

As you encounter these failures, install the missing operating system package. Use the **ungo.sh** script to clean up the failed installation, and run the **go.sh** installer to try again.

Issue:

During the execution of the **config_access.sh** script for any component, the following error occurs:

```
FIPS integrity verification test failed.
```

Solution:

This message is benign, but it can be disabled by deleting the file **/etc/system-fips**.

```
# sudo rm -f /etc/system-fips
```

Issue:

The wrong password was input during the execution of **config_access.sh**.

If you input a wrong password during **config_access.sh** or want to re-enter the passwords for host machines during **config_access.sh**, then delete the **mikks** file and re-run the **config_access.sh** script to configure the correct passwords.

If you run **go.sh** with the wrong password, the process will fail with authentication errors or permission-denied errors.

Solution:

Remove the stored passwords and re-run **config_access.sh** to input the passwords correctly.

```
rm -f /private/downloads/aiacom_manageable_install/common/cs/mikks
```

Issue:

Bugs 26581872: OSM orchestration plan is not visible with RODOD MIK installation.

When an order is submitted from Siebel in a RODOD setup created using MIK, the Orchestration plan is not getting displayed in OSM. It is showing a blank page.

Solution:

OSM orchestration plan is not visible as the DISPLAY variable is not set correctly at the weblogic startup (DISPLAY is getting set with Empty value through MIK installation). To resolve the issue, follow the below steps:

- If using VNC Server, create display by starting the vncserver (if not already running) on the host (where OSM is running). Note the DISPLAY (<DISP>).

- Stop the Weblogic server
- Edit the startWebLogic.sh file to change/ add (available at /private/aiacom_test_install/Middleware_wls/user_projects/domains/osm_domain/bin):
export DISPLAY="localhost:<DISP>"
where, <DISP> is the value noted above while starting the vncserver.
- Start the Weblogic sever

Oracle AIA Issues

Issue:

The Oracle AIA installer hangs without giving any errors.

Solution:

Some libraries are missing from the operating system. Check whether **libmawt.so** exists by using the **ldd** command, which shows shared library dependencies:

```
ldd
/private/downloads/aiacom_manageable_install/jdk16/jre/lib/amd64/xawt/libmawt.so
```

If the Xi libraries are not installed, installing this operating system package will enable the application installation to proceed.