

**Oracle® Product Master Data Management
Integration Option for Oracle® Communications
Billing and Revenue Management 2.5: Installation
Guide Addendum**

Release 2.5

Part No. E18889-01

October 2010

Oracle Product Master Data Management Integration Option for Oracle Communications Billing and Revenue Management 2.5: Installation Guide Addendum

Part No. E18889-01

Copyright © 2010, Oracle and/or its affiliates. All rights reserved.

Oracle is a registered trademark of Oracle Corporation and/or its affiliates. Other names may be trademarks of their respective owners.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this software or related documentation is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, the following notice is applicable:

U.S. GOVERNMENT RIGHTS

Programs, software, databases, and related documentation and technical data delivered to U.S. Government customers are "commercial computer software" or "commercial technical data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, duplication, disclosure, modification, and adaptation shall be subject to the restrictions and license terms set forth in the applicable Government contract, and, to the extent applicable by the terms of the Government contract, the additional rights set forth in FAR 52.227-19, Commercial Computer Software License (December 2007). Oracle USA, Inc., 500 Oracle Parkway, Redwood City, CA 94065.

This software is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications which may create a risk of personal injury. If you use this software in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy and other measures to ensure the safe use of this software. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software in dangerous applications.

This software and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third party content, products and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third party content, products or services.

Contents

Installing Product MDM: Comms BRM	5
Software Requirements for the Product MDM: Comms BRM	5
Installing Product MDM: Comms BRM	5
Performing Post-Installation Configurations	6
Verifying Product MDM: Comms BRM Installation	7
Uninstalling Product MDM: Comms BRM	7
Index	9

Installing Product MDM: Comms BRM

This guide provides an overview of software requirements for Product MDM: Comms BRM and discusses how to:

- Perform pre-installation configurations.
- Install Product MDM: Comms BRM.
- Perform post-installation configurations.

You need to install Foundation Pack before you install Product MDM: Comms BRM. Download the latest *Oracle Application Integration Architecture 2.5: Installation and Upgrade Guide* from My Oracle Support and install Foundation Pack following the instructions in the guide.

Software Requirements for the Product MDM: Comms BRM

This section details the software requirements for Product MDM: Comms BRM. You need to fulfill the software requirements of Foundation Pack before you install Product MDM: Comms BRM.

In addition to Foundation Pack software requirements, the Product MDM: Comms BRM requires:

- BRM 7.4 PS4 (patch 9675886)

Installing Product MDM: Comms BRM

The section discusses the installation process of Product MDM: Comms BRM.

To install Product MDM: Comms BRM

1. Go to the AIA_HOME, where Foundation Pack is installed.
2. Unzip the package content directly under the AIA_HOME.
3. Navigate to directory **<AIA_HOME>/PIPS/Core/Setup/MDMProduct/MDMProductBRM/Install**
4. Follow the command line installation instructions for your platform.

Platform	To launch the Oracle AIA Installer:
Linux x86	<ol style="list-style-type: none">1. Edit <code>deployMDMProductBRMPIP.sh</code> and replace <code>@AIA_HOME@</code> with the actual path for AIA_HOME.2. At the command line prompt, enter: <code>./deployMDMProductBRMPIP.sh</code>
Solaris SPARC (64-bit)	
IBM AIX Based Systems (64-bit)	
HP-UX 11i (64 bit)	

Platform	To launch the Oracle AIA Installer:
Microsoft Windows (32-bit)	<ol style="list-style-type: none"> 1. Edit <code>deployMDMProductBRMPIP.bat</code> and replace <code>@AIA_HOME@</code> with the actual path for <code>AIA_HOME</code>. 2. At the command line prompt, enter: <code>deployMDMProductBRMPIP.bat</code>

5. Review the on screen log for any failures or errors.

Read Oracle Product MDM: Comms BRM 2.5 - Implementation Guide to complete PIP implementation.

Performing Post-Installation Configurations

This section discusses the following post installation configuration for Product MDM: Comms BRM.

- Enabling the global JNDI for the OC4J container for enabling local ESB to BPEL invocation.

Enabling the Global JNDI for the OC4J Container for Enabling Local ESB to BPEL Invocation

To enable global JNDI for the OC4J container for enabling local ESB to BPEL invocation:

1. Open `$SOA_HOME/j2ee/oc4j_soa/config/server.xml`.
2. Add `global-jndi-lookup-enabled="true"` as shown below.

```
<?xml version="1.0"?>
<application-server xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance"
xsi:noNamespaceSchemaLocation="http://xmlns.oracle.com/oracleas/sche
ma/application-server-10_1.xsd"
localhostIsAdmin="true"
application-directory="../applications"
check-for-updates="adminClientOnly"
deployment-directory="../application-deployments"
connector-directory="../connectors"
global-jndi-lookup-enabled="true"
schema-major-version="10" schema-minor-version="0" >
```

3. Restart SOA server.
4. Verify the installation using steps in the Verifying Product MDM: Comms BRM Installation section.

Read Oracle Product MDM: Comms BRM 2.5 - Implementation Guide to complete PIP implementation.

Verifying Product MDM: Comms BRM Installation

To verify the Product MDM: Comms BRM installation:

1. Verify Foundation Pack Installation following the steps in *Verifying Installation* chapter of *Oracle Application Integration Architecture 2.5: Installation and Upgrade Guide*.
2. Confirm that the Product MDM: Comms BRM components were successfully installed.
 - a. Navigate to the BPEL Console, Dashboard. Verify that you can see the following Product MDM: Comms BRM BPEL processes:

SyncItemListBRMProvABCImpl
SyncPriceListListBRMProvABCImpl

- b. Navigate to the ESB Console, AIA System, EBS service group. Verify that you can see the following Product MDM: Comms BRM BPEL processes:

SpecificationValueSetEBS
ItemResponseEBSV2
ClassificationSchemeResponseEBS
PriceListResponseEBSV2
CommunicationsItemCompositionEBSV1
ItemEBSV2
SpecificationValueSetResponseEBS
CommunicationsPriceListEBSV2
CommunicationsPriceListResponseEBSV2
PriceListEBSV2
BillOfMaterialsResponseEBS
BillOfMaterialsEBS
ClassificationSchemeEBS
CommunicationsItemCompositionResponseEBSV1

Uninstalling Product MDM: Comms BRM

Oracle does not support individual PIP uninstalls due to shared artifacts across multiple PIPs. As part of Foundation Pack uninstalls, normally all the PIPs automatically get uninstalled. But since this PIP has manual install, uninstalls need to happen manually too. Before uninstalls of Foundation Pack, you can uninstall Product MDM: Comms BRM PIP by following the below steps.

1. Navigate to directory <AIA_HOME>/PIPS/Core/Setup/MDMProduct/MDMProductBRM/Install
2. Follow the command line uninstallation instructions for your platform.

Platform	To launch the Oracle AIA Installer:
Linux x86 Solaris SPARC (64-bit) IBM AIX Based Systems (64-bit) HP-UX 11i (64 bit)	At the command line prompt, enter: <pre> . ./deployMDMProductBRMPIP.sh -uninstall </pre>
Microsoft Windows (32-bit)	At the command line prompt, enter: <pre> deployMDMProductBRMPIP.bat -uninstall </pre>

Index

installing Product MDM

Comms BRM, 5

post-installation configurations

Product MDM

Comms BRM, 6

uninstalling Product MDM

Comms BRM, 8

verifying installation

Product MDM

Comms BRM, 7