

Oracle® Business Intelligence Mobile App Designer

Installation Notes

11g Release 1 (11.1.1.7.10)

E51804-04

April 2015

This document describes how to install the Oracle Business Intelligence Mobile App Designer and how to upgrade an existing installation to the latest version (11g Release 11.1.1.7.10-BIMAD-PS1). It includes the following sections:

- [Section 1, "Overview"](#)
- [Section 2, "Prerequisites for a New Installation"](#)
- [Section 3, "Installing Oracle BI Mobile App Designer for the First Time"](#)
- [Section 4, "Upgrading Oracle BI Mobile App Designer"](#)
- [Section 5, "Uninstalling Mobile App Designer"](#)
- [Section 6, "Troubleshooting"](#)
- [Section 7, "Known Issues"](#)
- [Section 8, "Documentation Accessibility"](#)

1 Overview

To install the Oracle Business Intelligence Mobile App Designer, download and apply the required patches into an existing Oracle Business Intelligence Enterprise Edition environment. Complete the postinstallation tasks to enable the BI Mobile App Designer components in your environment.

2 Prerequisites for a New Installation

Ensure that you meet the following requirements before you install or deinstall the patch. Download patches from My Oracle Support at <https://support.oracle.com>.

- Oracle Business Intelligence Enterprise Edition version 11.1.1.7.131017 or later.

If you are not already on Oracle Business Intelligence Enterprise Edition version 11.1.1.7.131017, apply the latest patch available. See the document "OBIEE 11g: Required and Recommended Bundle Patches and Patch Sets" (Doc ID 1488475.1) on My Oracle Support for the latest patch available.

Customers who are upgrading from 11.1.1.6.x or customers who have already performed an in-place upgrade to the latest patch level, ensure that you enable the JBIPS features as described in "Enabling JBIPS Features" in *Oracle Fusion Middleware Patching Guide*.

- Download Oracle BI Mobile App Designer patch 18794832 from My Oracle Support.

- Additional patches with bug fixes may be available. Check the [Overview of Available Update Patches for Oracle BI Mobile App Designer \(Doc ID 1900151.1\)](#) on <https://support.oracle.com> for information about the latest patches available.

3 Installing Oracle BI Mobile App Designer for the First Time

Complete the following tasks in the following sections to install Oracle BI Mobile App Designer for the first time:

- [Section 3.1, "Apply the Patch"](#)
- [Section 3.2, "Perform Postinstallation Steps"](#)
- [Section 3.3, "Validate the Install"](#)

3.1 Apply the Patch

To apply the patch perform the following tasks:

- [Task 1: Stop the Oracle BIEE System](#)
- [Task 2: Apply Oracle BI Mobile App Designer OPatch](#)

3.1.1 Task 1: Stop the Oracle BIEE System

Stop all of the following components in the order shown:

1. BI System components.

- On Unix:

Navigate to

```
prod_mwhome/instances/<instance>/bin
```

Enter the following at the command prompt:

```
./opmnctl stopall
```

- On Windows:

Navigate to

```
prod_mwhome\instances\<instance>\bin
```

Enter the following at the command prompt:

```
opmnctl stopall
```

2. Weblogic Managed Servers:

- On Unix:

Navigate to

```
prod_mwhome/user_projects/domains/<domain_name>/bin
```

Enter the following at the command prompt:

```
./stopManagedWebLogic.sh bi_server1
```

- On Windows:

Navigate to

```
prod_mwhome\user_projects\domains\<domain_name>\bin
```

Enter the following at the command prompt:

```
stopManagedWebLogic.cmd bi_server1
```

3. WebLogic Administration Server

- On Unix:

Navigate to

```
prod_mwhome/user_projects/domains/<domain_name>/bin
```

Enter the following at the command prompt:

```
./stopWebLogic.sh
```

- On Windows:

Navigate to

```
prod_mwhome\user_projects\domains\<domain_name>\bin
```

Enter the following at the command prompt:

```
stopWebLogic.cmd
```

3.1.2 Task 2: Apply Oracle BI Mobile App Designer OPatch

Note: Standard Oracle Fusion Middleware (FMW) customers must apply this patch to:

```
-MW_HOME /OracleBI1 (Oracle BI Home)
```

To apply the OPatch:

1. Unzip the patch zip file into the Oracle BI Home directory.

For example:

- On Unix you might extract patch 18794832 to

```
prod_mwhome/Oracle_BI1/18794832
```

- On Windows you might extract patch 18794832 to

```
c:\prod_mwhome\Oracle_BI1\18794832
```

2. Set your current directory to the directory where the patch is located.

For example:

- On UNIX: If the Oracle BI Home directory is `prod_mwhome/Oracle_BI1`, then enter the following:

```
$cd prod_mwhome/Oracle_BI1
```

- On Windows: If the Oracle BI Home directory is `C:\prod_mwhome\Oracle_BI1`, then enter the following:

```
cd c:\prod_mwhome\Oracle_BI1
```

3. At the command prompt, set the `ORACLE_HOME`, `PATH`, and `JAVA_HOME` environment variables as appropriate for the operating system.

For example:

- On Unix if you are using a command shell derived from the C shell, then set the environment variables by entering the following:

```
setenv ORACLE_HOME $PWD
setenv PATH $ORACLE_HOME/bin:$PATH
setenv JAVA_HOME $ORACLE_HOME/jdk
setenv PATH $JAVA_HOME/bin:$PATH
setenv PATH $ORACLE_HOME/OPatch:$PATH
```

- On Windows: If the Oracle BI Home directory is C:\prod_mwhome\Oracle_BI1, then set the environment variables by entering the following:

```
set ORACLE_HOME=C:\prod_mwhome\Oracle_BI1
set PATH=%ORACLE_HOME%\bin;%PATH%
set JAVA_HOME=%ORACLE_HOME%\jdk
set PATH=%JAVA_HOME%\bin;%PATH%
set PATH=%ORACLE_HOME%\OPatch;%PATH%
```

4. At the command prompt, change directory to the extracted patch directory.

For example:

- On Unix: If you extracted patch 18794832 into

```
prod_mwhome/Oracle_BI1/18794832
```

then enter the following:

```
$ cd prod_mwhome/Oracle_BI1/18794832
```

- On Windows: If you extracted patch 18794832 into

```
C:\prod_mwhome\Oracle_BI1\18794832
```

then enter the following:

```
cd C:\prod_mwhome\Oracle_BI1\18794832
```

5. Apply the patch.

Use the following command to apply the patch to the ORACLE_HOME:

```
opatch apply
```

When OPatch starts, it validates the patch to ensure that there are no conflicts with the software already installed in the ORACLE_HOME.

OPatch categorizes two types of conflicts:

- Conflicts with a patch already applied to the ORACLE_HOME.

In this case, stop the patch installation, and contact Oracle Support Services.

- Conflicts with a subset patch already applied to the ORACLE_HOME.

In this case, continue the install as the new patch contains all the fixes from the existing patch in the ORACLE_HOME.

3.2 Perform Postinstallation Steps

After applying the OPatch, perform these steps:

- [Task 1: Deploy Oracle BI Mobile App Designer](#)
- [Task 2: Update Security Configuration for Oracle BI Mobile App Designer](#)

- [Task 3: Copy Map, Translation, and Plugins Folders](#)
- [Task 4: Update Locale Setting](#)
- [Task 5: Enable BI Mobile App Designer in BI Presentation Services](#)
- [Task 6: Start Managed Servers and BI Components](#)
- [Task 7: Set Up the Apps Library](#)

3.2.1 Task 1: Deploy Oracle BI Mobile App Designer

Run the WebLogic Configuration Assistant to deploy Oracle BI Mobile App Designer. This step is required only the first time you install the patch.

Start the Oracle Business Intelligence Configuration Assistant from the bin directory in the ORACLE_HOME (default folder name is Oracle_BI1), based on the operating system.

For example:

- On Unix: Go to `prod_mwhome/Oracle_BI1/common/bin`
and run
`./config.sh`
- On Windows: Go to `prod_mwhome\Oracle_BI1\common\bin`
and run
`config.cmd`

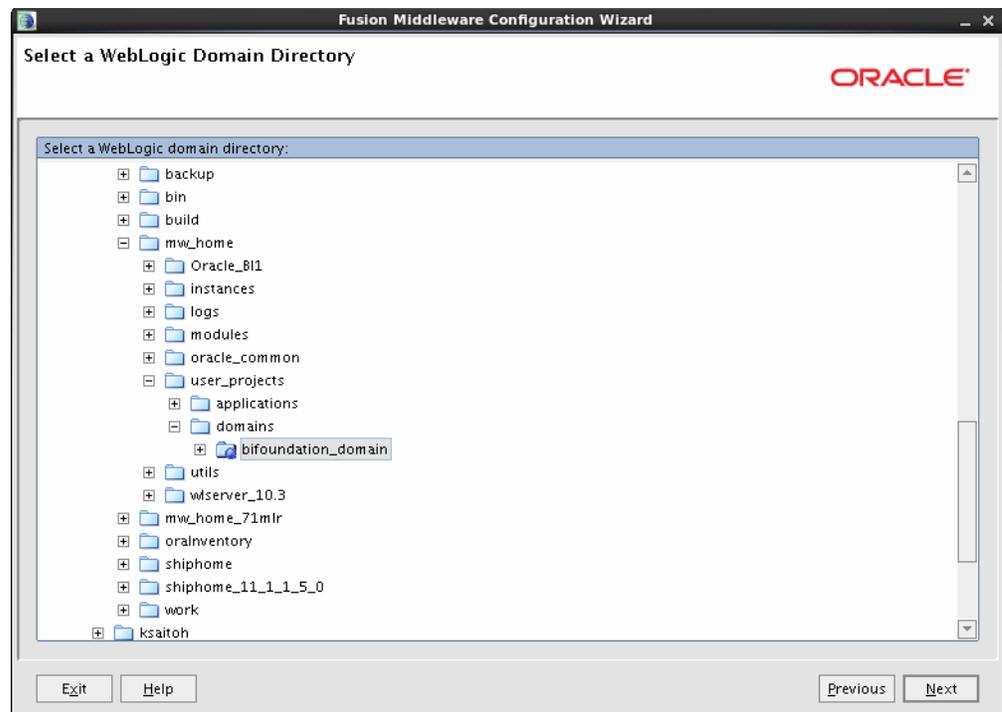
Enter the following for the Configuration Assistant screens:

Note: The bimad Web application must be deployed to the same target as the Analytics web application. The default target is "bi_cluster".

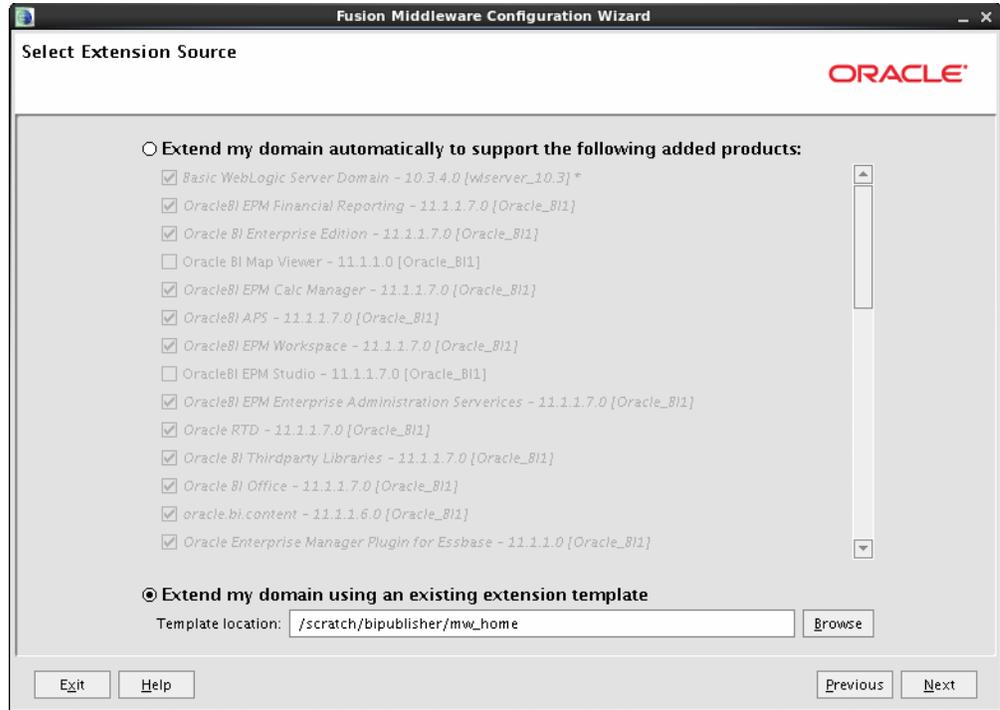
1. On the **Welcome** screen:
Select **Extend an existing WebLogic domain**.



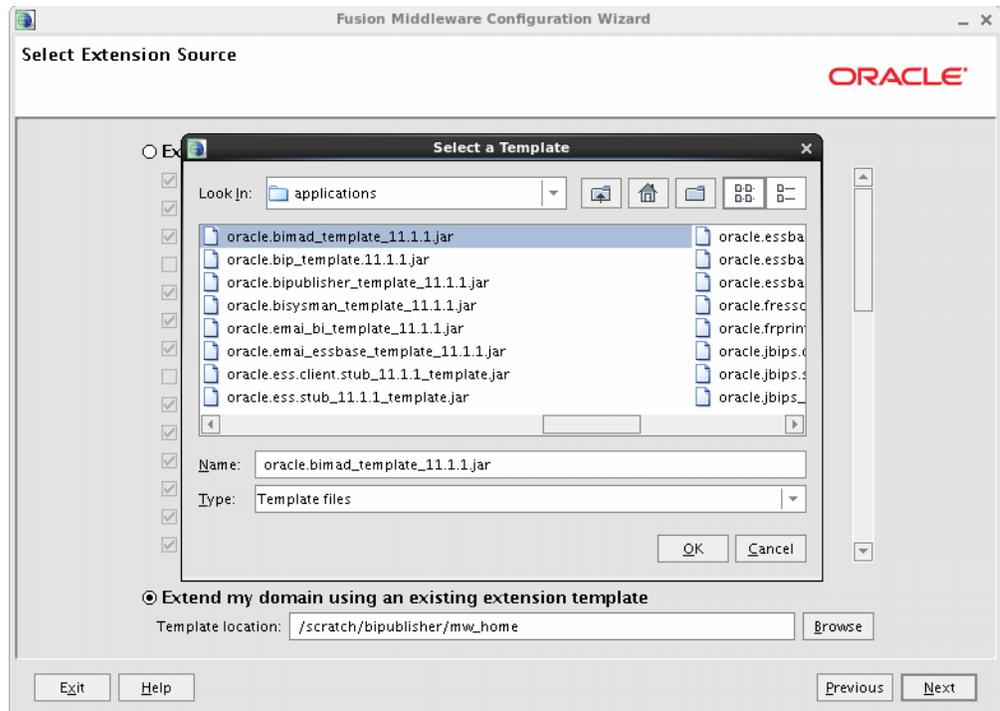
2. On the **Select a WebLogic Domain Directory** screen:
Choose the domain to extend, for example: `bifoundation_domain`



3. On the **Select Extension Source** screen:
Choose **Extend my domain using an existing extension template**

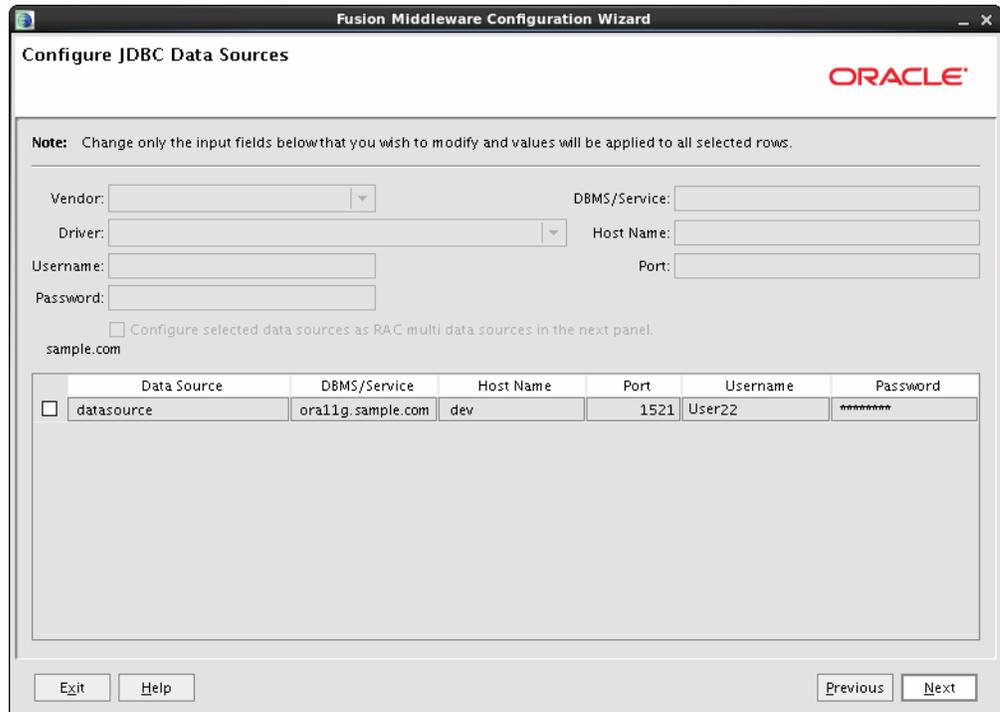


4. Click **Browse** to locate and select <mw_home>/Oracle_BI1/common/templates/applications/oracle.bimad_template_11.1.1.jar for the **Template Location**.



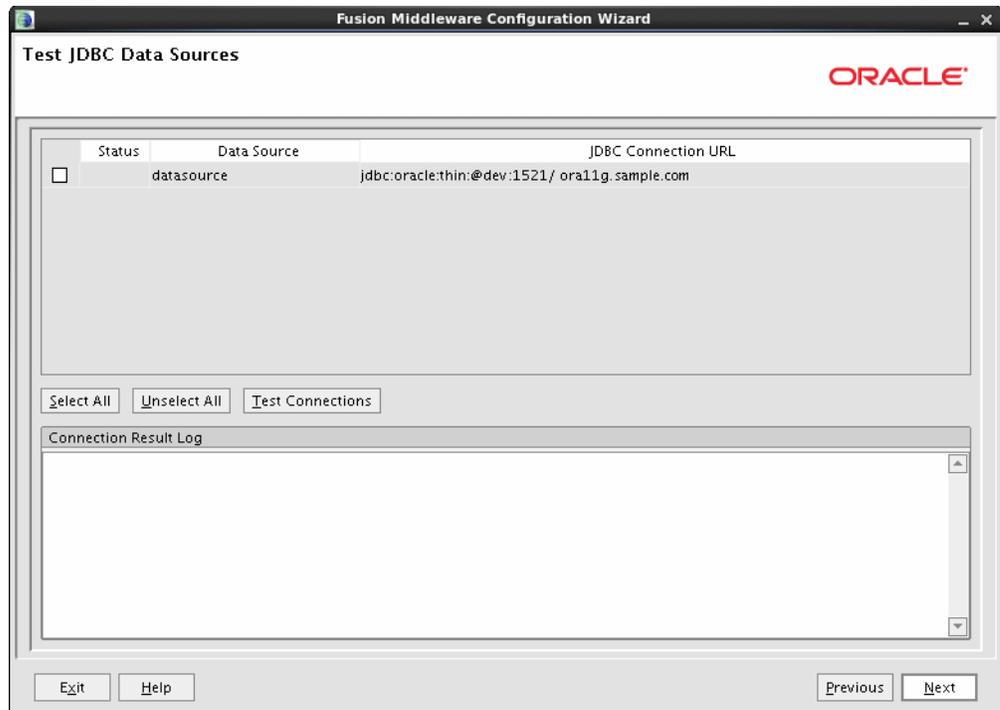
5. On the **Configure JDBC Data Sources** screen:

Click Next.



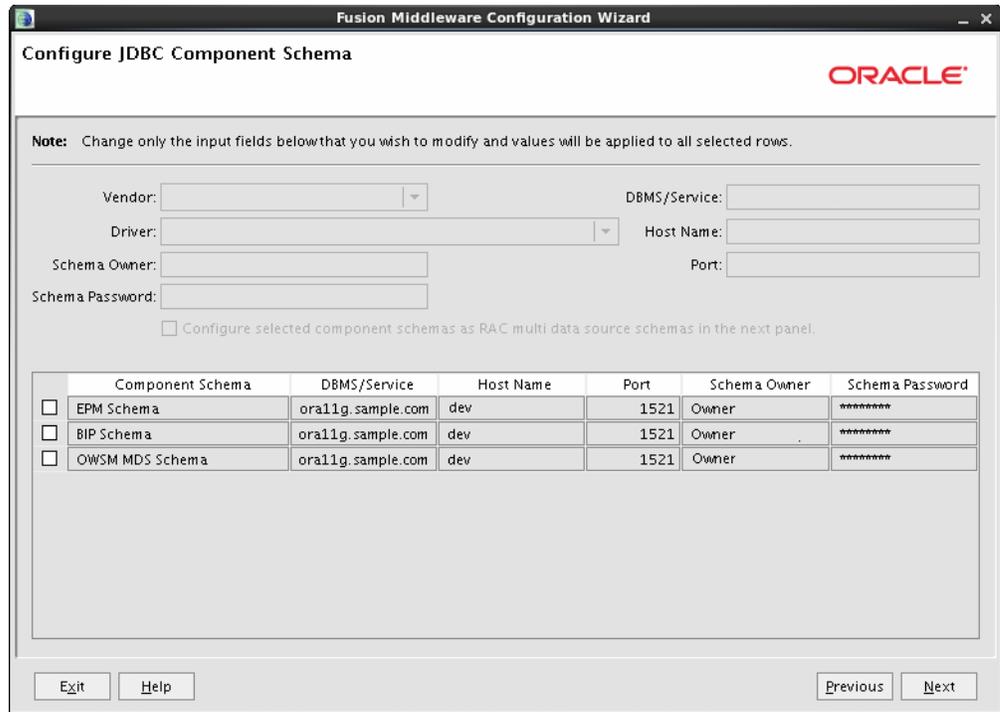
6. On the Test JDBC Data Sources screen:

Click Next.



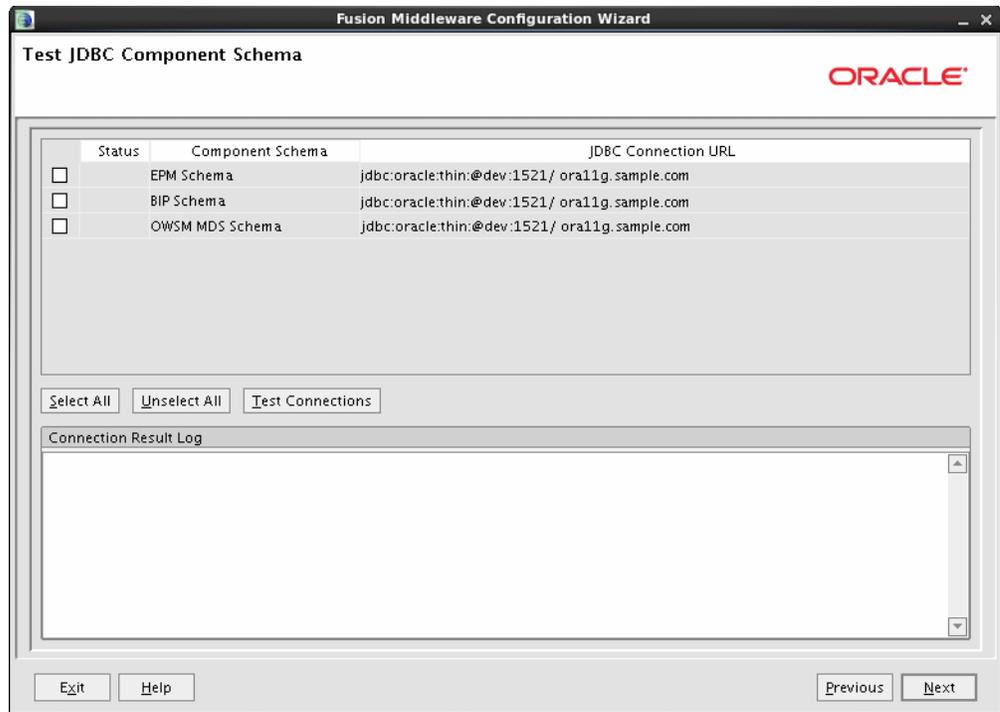
7. On the Configure JDBC Component Schema screen:

Click Next.



8. On the Test JDBC Component Schema screen:

Click Next.



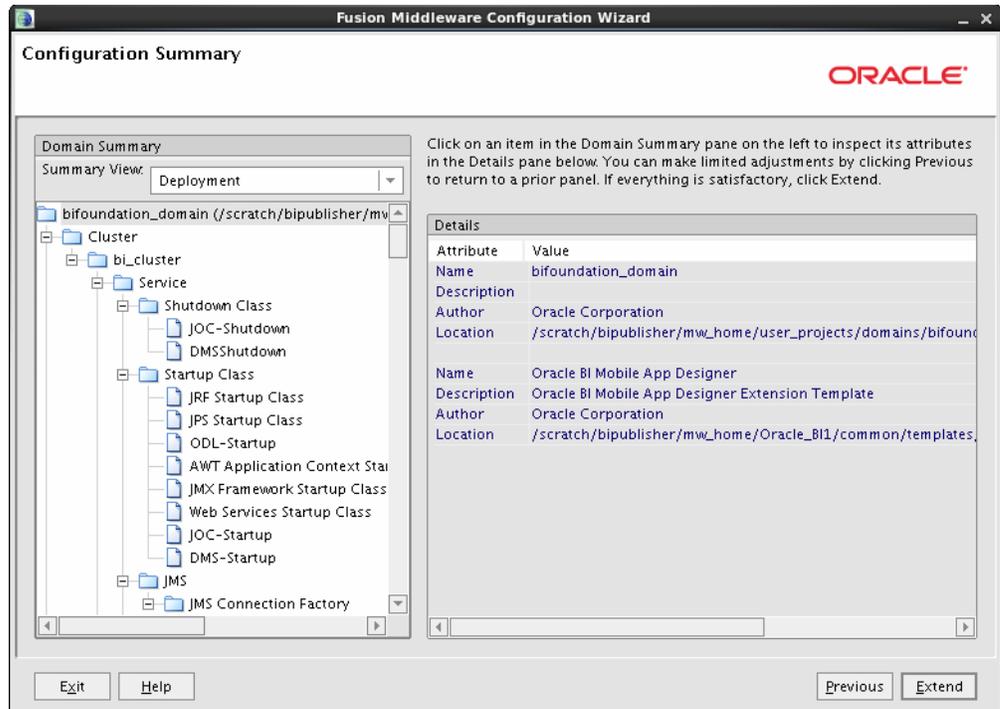
9. On the Select Optional Configuration screen:

Click Next.



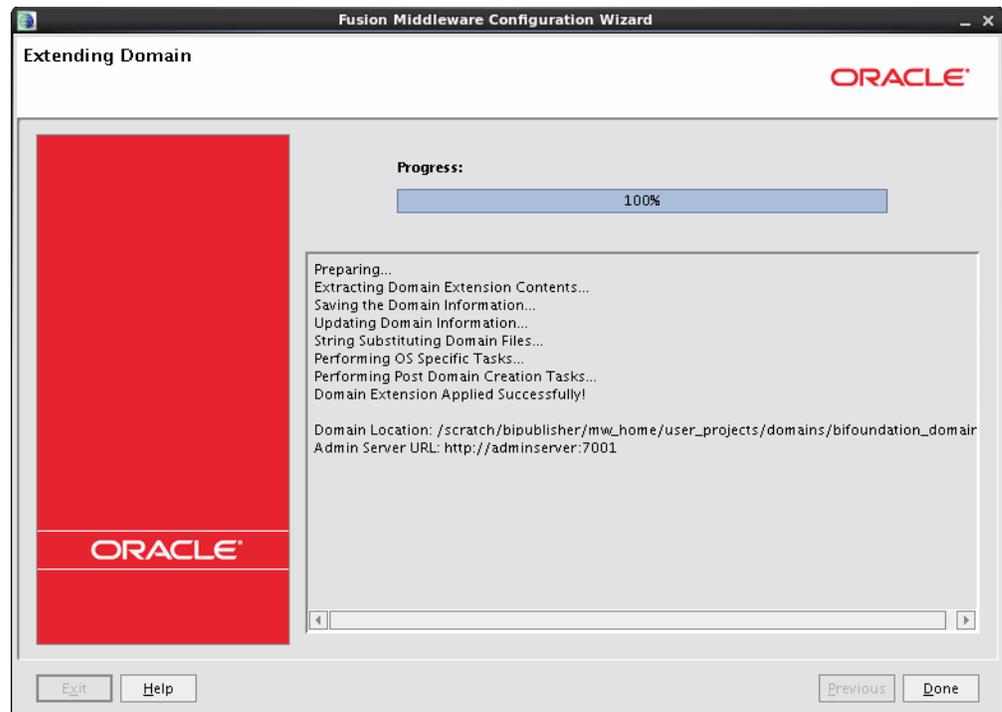
10. On the **Configuration Summary** screen:

Click **Extend**.



11. On the **Extending Domain** screen, when Progress shows 100%

click **Done** to finish.



3.2.2 Task 2: Update Security Configuration for Oracle BI Mobile App Designer

This step executes a Python script to update your system JAZN file (system-jazn-data.xml) with the security grants required for BI Mobile App Designer. This step is required only the first time you apply the patch.

Note: Additional security configuration is required if your system uses Single Sign-On or Oracle BI EE 10g style Initialization Blocks (Init Blocks) security.

For information on these see:

- Configuring Single Sign-On
 - Enabling Oracle BI EE 10g-Style Initialization Block Security
- in the *Oracle BI Mobile App Designer User's Guide*.
-

1. Start WebLogic Administration server:

- On Unix:

Navigate to `prod_mwhome/user_projects/domains/<domain_name>/bin`

Enter the following at the command prompt:

```
./startWebLogic.sh
```

- On Windows:

Navigate to `prod_mwhome\user_projects\domains\<domain_name>\bin`

Enter the following at the command prompt:

```
startWebLogic.cmd
```

2. Run WLST script to enable integration with Oracle Fusion Middleware.

- On Unix: Change directory to the install directory:

```
cd prod_mwhome/Oracle_BI1/bifoundation/install
```

Then enter:

```
prod_mwhome/Oracle_BI1/common/bin/wlst.sh addMADCodeGrants.py  
t3://<hostname>:7001 <WebLogic administrator name>
```

Example:

```
prod_mwhome/Oracle_BI1/common/bin/wlst.sh addMADCodeGrants.py  
t3://myserver1:7001 weblogic
```

- On Windows: Change directory to the install directory:

```
cd c:\prod_mwhome\Oracle_BI1\bifoundation\install
```

Then enter:

```
prod_mwhome\Oracle_BI1\common\bin\wlst.cmd addMADCodeGrants.py  
t3://<hostname>:7001 <WebLogic administrator name>
```

Example:

```
prod_mwhome\Oracle_BI1\common\bin\wlst.cmd addMADCodeGrants.py  
t3://myserver1:7001 weblogic
```

3.2.3 Task 3: Copy Map, Translation, and Plugins Folders

Included in the Patch download under `bimad/repository/` is a folder called "Admin". This folder contains three subfolders: "Map", "Translation", and "Plugin". These folders must be copied to your BI Mobile App Designer repository:

- The Map folder contains the configuration files required to enable the BI Mobile App Designer map component.
- The Translation folder contains the translation files for the BI Mobile App Designer user interface.
- The Plugins folder enables the plugin creation feature and plugin gallery.

To copy these folders:

1. Back up the existing Translation directory in the repository by renaming it. For example, `<DOMAIN_HOME>/config/bipublisher/repository/Admin/Translation_backup`
2. Copy the Map, Translation, and Plugins directories from the patch download location (for example: `prod_mwhome/Oracle_BI1/18794832/files/bimad/repository/Admin/`)
to
`<DOMAIN_HOME>/config/bipublisher/repository/Admin`

3.2.4 Task 4: Update Locale Setting

Update the locale configuration to ensure that your BI mobile apps use the locale specified in Oracle BI Presentation Services My Account settings.

1. Open usercontextmap.xml file. It is located under /config/bipublisher/repository/Admin/Security.
2. Search for the heading "ORACLE_AS_JPS".
3. Insert <USER_BIPS_LOCALE>Locale</USER_BIPS_LOCALE> as shown below and save.

```
<userContextMap securityModel="ORACLE_AS_JPS">
  <USER_ACCESSIBILITY_MODE>enableSection508</USER_ACCESSIBILITY_MODE>
  <USER_UI_LOCALE>UILang</USER_UI_LOCALE>
  <USER_REPORT_LOCALE>BIPReportLocale</USER_REPORT_LOCALE>
  <USER_TIME_ZONE_ID>BIPReportTimeZoneId</USER_TIME_ZONE_ID>
  <USER_MY_FAVORITE_LIMIT>default</USER_MY_FAVORITE_LIMIT>
  <USER_MULTI_TAB_MODE>default</USER_MULTI_TAB_MODE>
  <USER_BIPS_LOCALE>Locale</USER_BIPS_LOCALE>
  <USER_EMAIL_ADDRESS>USER_EMAIL_ADDRESS</USER_EMAIL_ADDRESS>
</userContextMap>
```

3.2.5 Task 5: Enable BI Mobile App Designer in BI Presentation Services

Enable BI Mobile App Designer in the BI Presentation Services user interface by updating the BI Presentation Services instanceconfig.xml file.

1. Open the configuration file instanceconfig.xml for editing. You can find instanceconfig.xml at:

```
ORACLE_
INSTANCE\config\OracleBIPresentationServicesComponent\coreapplication_
obipnsn
```

For example:

```
\instances\instance1\config\OracleBIPresentationServicesComponent\corea
pplication_obips1
```

2. Add the <EnableMAD> element to the file as shown in the following example:

```
<ServerInstance>
  . . . . .
  <AdvancedReporting>
    <EnableMAD>true</EnableMAD>
    . . .
  </AdvancedReporting>
</ServerInstance>
```

3. Save the instanceconfig.xml file.

3.2.6 Task 6: Start Managed Servers and BI Components

Restart the managed servers and BI components:

1. Start Managed Servers:

- On Unix, navigate to
prod_mwhome/user_projects/domains/<domain_name>/bin
and enter the following at the command prompt:
./startManagedWebLogic.sh bi_server1
- On Windows, navigate to

```
prod_mwhome\user_projects\domains\\bin
```

and enter the following at the command prompt:

```
startManagedWebLogic.cmd bi_server1
```

2. Start the BI system components by performing the following actions:

- On Unix, navigate to

```
prod_mwhome/instances/<instance>/bin
```

and enter the following at the command prompt:

```
./opmnctl startall
```

- On Windows, navigate to

```
prod_mwhome\instances\
```

and enter the following at the command prompt:

```
opmnctl startall
```

3.2.7 Task 7: Set Up the Apps Library

The Apps Library is where users view, manage, and subscribe to published apps from their mobile devices. From the administrator's perspective, the Apps Library is a folder in the catalog configured to act as the library.

Mobile App Designer also supports publishing apps to a configured Apps Library on a remote instance. For more information about the Apps Library including steps for setting up a remote Apps Library, see "Reference for Administrators" in the *Oracle Fusion Middleware User's Guide for Oracle Business Intelligence Mobile App Designer*.

Perform the following steps to set up an Apps Library on the local instance:

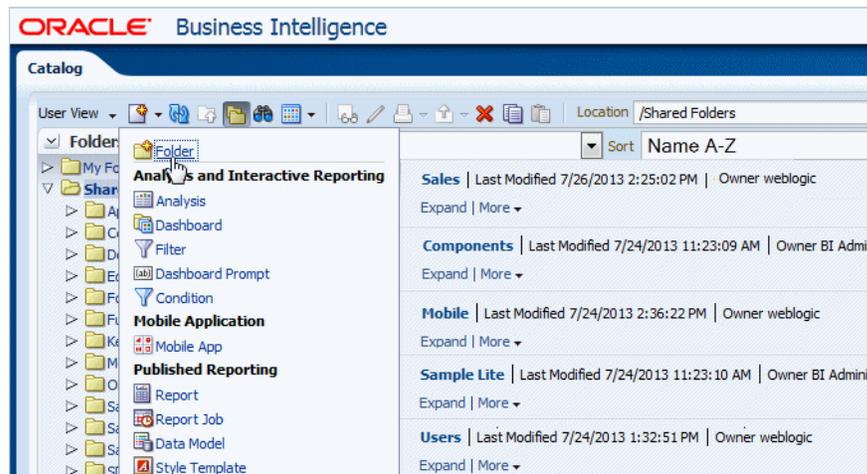
- [Create the Apps Library Folder in the Catalog](#)
- [Set Up the Configuration File](#)

3.2.7.1 Create the Apps Library Folder in the Catalog Create a folder in the catalog under Shared Folders to be the target folder for the Apps Library.

To create a folder in the catalog:

1. Log in to Oracle Business Intelligence.
2. On the Catalog page, select Shared Folders.
3. In the catalog toolbar, click **New** and select **Folder**.

Figure 1 Creating a New Folder



4. Enter the folder name and click OK, as shown in [Figure 1](#).

Figure 2 Entering the Name for the Apps Library Folder in the Catalog



5. Set Permissions on the Apps Library folder. App designers that will be publishing apps to the folder must have Write permissions. App consumers that will be viewing apps in the library must have Read permissions.

3.2.7.2 Set Up the Configuration File To register the folder in the catalog to act as the Apps Library, add a property entry to the `xm1p-server-config.xml` configuration file.

To set up the configuration file:

1. Open the `xm1p-server-config.xml` file. It is located under `<DOMAIN_HOME>/config/bipublisher/repository/Admin/Configuration`.
2. Add the following property to `xm1p-server-config.xml`:

Property: `APPS_LIBRARY_FOLDER_LOCAL`

Description: Specifies the folder in the catalog to act as the Apps Library. Enter the path to the folder under Shared Folders that you created in the previous step (do not include "Shared Folders" in the path).

Sample Configuration File Entry:

```
<property name="APPS_LIBRARY_FOLDER_LOCAL" value="/Apps Library"/>
```

3. Restart the `bimad` (BI Mobile App Designer) application from the WebLogic Server Administration Console.

3.3 Validate the Install

To validate the install, log in to Oracle Business Intelligence:
`http://<hostname>:<port_number>/analytics`

On the home page, verify that Mobile Application is an option from the Create menu.

If you do not see the Mobile Application option, see [Troubleshooting](#).

4 Upgrading Oracle BI Mobile App Designer

If you have previously installed Oracle BI Mobile App Designer and are upgrading to this release, follow the tasks in this section.

- [Section 4.1, "Stop the Oracle BI EE System"](#)
- [Section 4.2, "Apply the Oracle BI Mobile App Designer Opatch"](#)
- [Section 4.3, "Copy Map, Translation, and Plugins Folders"](#)
- [Section 4.4, "Update Locale Setting"](#)
- [Section 4.5, "Create bimad.log File"](#)
- [Section 4.6, "Start Managed Servers and BI Components"](#)
- [Section 4.7, "Update the bimad Application in WebLogic Server"](#)

4.1 Stop the Oracle BI EE System

Stop all of the following components in the order shown:

1. BI System components.

- On Unix:

Navigate to

```
prod_mwhome/instances/<instance>/bin
```

Enter the following at the command prompt:

```
./opmnctl stopall
```

- On Windows:

Navigate to

```
prod_mwhome\instances\<instance>\bin
```

Enter the following at the command prompt:

```
opmnctl stopall
```

2. Weblogic Managed Servers:

- On Unix:

Navigate to

```
prod_mwhome/user_projects/domains/<domain_name>/bin
```

Enter the following at the command prompt:

```
./stopManagedWebLogic.sh bi_server1
```

- On Windows:

Navigate to

```
prod_mwhome\user_projects\domains\<<domain_name>\bin
```

Enter the following at the command prompt:

```
stopManagedWebLogic.cmd bi_server1
```

3. WebLogic Administration Server

- On Unix:

Navigate to

```
prod_mwhome/user_projects/domains/<domain_name>/bin
```

Enter the following at the command prompt:

```
./stopWebLogic.sh
```

- On Windows:

Navigate to

```
prod_mwhome\user_projects\domains\<<domain_name>\bin
```

Enter the following at the command prompt:

```
stopWebLogic.cmd
```

4.2 Apply the Oracle BI Mobile App Designer Opatch

Note: Standard Oracle Fusion Middleware (FMW) customers must apply this patch to:

```
-MW_HOME /OracleBI1 (Oracle BI Home)
```

To apply the OPatch:

1. Unzip the patch zip file into the Oracle BI Home directory.

For example:

- On Unix you might extract patch 18794832 to

```
prod_mwhome/Oracle_BI1/18794832
```

- On Windows you might extract patch 18794832 to

```
c:\prod_mwhome\Oracle_BI1\18794832
```

2. Set your current directory to the directory where the patch is located.

For example:

- On UNIX: If the Oracle BI Home directory is `prod_mwhome/Oracle_BI1`, then enter the following:

```
$cd prod_mwhome/Oracle_BI1
```

- On Windows: If the Oracle BI Home directory is `C:\prod_mwhome\Oracle_BI1`, then enter the following:

```
cd c:\prod_mwhome\Oracle_BI1
```

3. At the command prompt, set the ORACLE_HOME, PATH, and JAVA_HOME environment variables as appropriate for the operating system.

For example:

- On Unix if you are using a command shell derived from the C shell, then set the environment variables by entering the following:

```
setenv ORACLE_HOME $PWD
setenv PATH $ORACLE_HOME/bin:$PATH
setenv JAVA_HOME $ORACLE_HOME/jdk
setenv PATH $JAVA_HOME/bin:$PATH
setenv PATH $ORACLE_HOME/OPatch:$PATH
```

- On Windows: If the Oracle BI Home directory is C:\prod_mwhome\Oracle_BI1, then set the environment variables by entering the following:

```
set ORACLE_HOME=C:\prod_mwhome\Oracle_BI1
set PATH=%ORACLE_HOME%\bin;%PATH%
set JAVA_HOME=%ORACLE_HOME%\jdk
set PATH=%JAVA_HOME%\bin;%PATH%
set PATH=%ORACLE_HOME%\OPatch;%PATH%
```

4. At the command prompt, change directory to the extracted patch directory.

For example:

- On Unix: If you extracted patch 18794832 into

```
prod_mwhome/Oracle_BI1/18794832
```

then enter the following:

```
$ cd prod_mwhome/Oracle_BI1/18794832
```

- On Windows: If you extracted patch 18794832 into

```
C:\prod_mwhome\Oracle_BI1\18794832
```

then enter the following:

```
cd C:\prod_mwhome\Oracle_BI1\18794832
```

5. Apply the patch.

Use the following command to apply the patch to the ORACLE_HOME:

```
opatch apply
```

When OPatch starts, it validates the patch to ensure that there are no conflicts with the software already installed in the ORACLE_HOME.

OPatch categorizes two types of conflicts:

- Conflicts with a patch already applied to the ORACLE_HOME.

In this case, stop the patch installation, and contact Oracle Support Services.

- Conflicts with a subset patch already applied to the ORACLE_HOME.

In this case, continue the install as the new patch contains all the fixes from the existing patch in the ORACLE_HOME.

4.3 Copy Map, Translation, and Plugins Folders

The Patch download includes three folders under repository/Admin that must be copied to your BI Mobile App Designer repository to support new functionality. These folders are:

- Map - contains the configuration files required to enable the BI Mobile App Designer map component.
- Translation - contains the translation files for the BI Mobile App Designer user interface.
- Plugins - this folder is empty, but is required to support the creation and management of custom plugins

To copy these folders:

1. Back up the existing Translation directory in the repository by renaming it. For example, <DOMAIN_HOME>/config/bipublisher/repository/Admin/Translation_backup
2. Copy the Map, Translation, and Plugins directories from the patch download location (for example: prod_mwhome/Oracle_BI1/18794832/files/bimad/repository/Admin/) to

<DOMAIN_HOME>/config/bipublisher/repository/Admin

4.4 Update Locale Setting

Update the locale configuration to ensure that your BI mobile apps use the locale specified in Oracle BI Presentation Services My Account settings.

1. Open usercontextmap.xml file. It is located under /config/bipublisher/repository/Admin/Security.
2. Search for the heading "ORACLE_AS_JPS".
3. Insert <USER_BIPS_LOCALE>Locale</USER_BIPS_LOCALE> as shown below and save.

```
<userContextMap securityModel="ORACLE_AS_JPS">
  <USER_ACCESSIBILITY_MODE>enableSection508</USER_ACCESSIBILITY_MODE>
  <USER_UI_LOCALE>UILang</USER_UI_LOCALE>
  <USER_REPORT_LOCALE>BIPReportLocale</USER_REPORT_LOCALE>
  <USER_TIME_ZONE_ID>BIPReportTimeZoneId</USER_TIME_ZONE_ID>
  <USER_MY_FAVORITE_LIMIT>default</USER_MY_FAVORITE_LIMIT>
  <USER_MULTI_TAB_MODE>default</USER_MULTI_TAB_MODE>
  <USER_BIPS_LOCALE>Locale</USER_BIPS_LOCALE>
  <USER_EMAIL_ADDRESS>USER_EMAIL_ADDRESS</USER_EMAIL_ADDRESS>
</userContextMap>
```

4.5 Create bimad.log File

In the first release of BI Mobile App Designer log messages were written to the bipublisher.log file. In this version 2 release (11.1.1.7.10-BIMAD-PS1), BI Mobile App Designer creates its own log; bimad.log; however, if you are upgrading from the previous version, you must perform manual steps to create the bimad.log file in your

system. If you do not perform these steps, the BI Mobile App Designer log messages will continue to write to bipublisher.log.

To create the bimad.log file in upgraded environments update the logging.xml file as follows:

1. Stop Oracle WebLogic Server.
2. Navigate to the logging.xml file under the BI Foundation Domain home, for example:

```
mw_home/user_projects/domains/bifoundation_domain/config/fmwconfig/servers/bi_server1
```

3. Locate the <log_handlers> section of the file and add the following entry:

```
<log_handler name='bimad-handler'  
class='oracle.core.ojdl.logging.ODLHandlerFactory'>  
  <property name='path'  
value='${domain.home}/servers/${weblogic.Name}/logs/bimad/bimad.log' />  
  <property name='maxFileSize' value='10000000' />  
  <property name='maxLogSize' value='100000000' />  
</log_handler>
```

4. Locate the <loggers> section of the file and add the following entry:

```
<logger name='oracle.bimad' level='WARNING:1' useParentHandlers='false'>  
  <handler name='bimad-handler' />  
</logger>
```

5. Save the logging.xml file and restart Oracle WebLogic Server.

4.6 Start Managed Servers and BI Components

Restart the managed servers and BI components:

1. Start Managed Servers:

- On Unix, navigate to

```
prod_mwhome/user_projects/domains/<domain_name>/bin
```

and enter the following at the command prompt:

```
./startManagedWebLogic.sh bi_server1
```

- On Windows, navigate to

```
prod_mwhome\user_projects\domains\<domain_name>\bin
```

and enter the following at the command prompt:

```
startManagedWebLogic.cmd bi_server1
```

2. Start the BI system components by performing the following actions:

- On Unix, navigate to

```
prod_mwhome/instances/<instance>/bin
```

and enter the following at the command prompt:

```
./opmnctl startall
```

- On Windows, navigate to

```
prod_mwhome\instances\<<instance>\bin
```

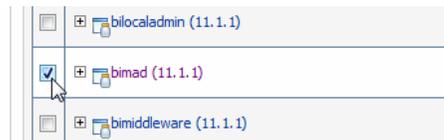
and enter the following at the command prompt:

```
opmnctl startall
```

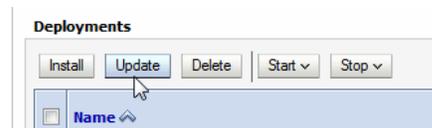
4.7 Update the bimad Application in WebLogic Server

To update the bimad application in Oracle WebLogic Server:

1. Open your Oracle WebLogic Server Administration Console.
2. In the **Change Center** of the Administration Console, click **Lock & Edit**.
3. In the left pane of the Console, select **Deployments**. A table in the right pane displays all deployed Enterprise Applications and Application Modules.
4. In the table, select the bimad application.



5. Click **Update**.



6. Click **Finish** (do not change the source path).
7. In the **Change Center** of the Administration Console, click **Activate Changes** and then click **Release Configuration**.

5 Uninstalling Mobile App Designer

If you experience any problems after installing this patch, remove the patch as follows:

Prerequisite: Ensure to follow the same prerequisites when uninstalling a patch. This includes setting up any environment variables such as ORACLE_HOME and verifying the OUI inventory before uninstalling.

- [Task 1: Delete the Mobile App Designer application from the WebLogic Administration Console](#)
- [Task 2: Remove Security Configuration](#)
- [Task 3: Run OPatch to uninstall the patch](#)

5.1 Task 1: Delete the Mobile App Designer application from the WebLogic Administration Console

To delete the Mobile App Designer application:

1. In a browser, navigate to the WebLogic Administration Console.
2. Click **Lock & Edit** in the Change Center.
3. Click **Deployments** on the left pane under **Domain Structure**.

4. On the **Deployments** table select the bimad application.
5. Click **Delete** at the top of the table.
6. Click **Release Configuration** in the Change Center.

5.2 Task 2: Remove Security Configuration

To back out the updates to the system JAZN file (system-jazn-data.xml):

1. Start WebLogic Administration server:

- On Unix:

Navigate to `prod_mwhome/user_projects/domains/<domain_name>/bin`

Enter the following at the command prompt:

```
./startWebLogic.sh
```

- On Windows: Go to `prod_mwhome\Oracle_BI1\common\bin` and run

```
config.cmd
```

2. Run WLST script to back out the grants added for Mobile App Designer:

- On Unix:

Change directory to the install directory:

```
cd prod_mwhome/Oracle_BI1/bifoundation/install
```

Then enter:

```
prod_mwhome/Oracle_BI1/common/bin/wlst.sh removeMADCodeGrants.py  
t3://<hostname>:7001 <WebLogic administrator name>
```

Example:

```
prod_mwhome/Oracle_BI1/common/bin/wlst.sh removeMADCodeGrants.py  
t3://myserver1:7001 weblogic
```

- On Windows:

On Windows: Change directory to the install directory:

```
cd c:\prod_mwhome\Oracle_BI1\bifoundation\install
```

Then enter:

```
prod_mwhome\Oracle_BI1\common\bin\wlst.cmd removeMADCodeGrants.py  
t3://<hostname>:7001 <WebLogic administrator name>
```

Example:

```
prod_mwhome\Oracle_BI1\common\bin\wlst.cmd removeMADCodeGrants.py  
t3://myserver1:7001 weblogic
```

3. Start Managed Servers:

- On Unix, navigate to

`prod_mwhome/user_projects/domains/<domain_name>/bin`

and enter the following at the command prompt:

```
./startManagedWebLogic.sh bi_server1
```

- On Windows, navigate to
`prod_mwhome\user_projects\domains\\bin`
and enter the following at the command prompt:
`startManagedWebLogic.cmd bi_server1`
- 4. Start the BI system components by performing the following actions:
 - On Unix, navigate to
`prod_mwhome/instances/<instance>/bin`
and enter the following at the command prompt:
`./opmnctl startall`
 - On Windows, navigate to
`prod_mwhome\instances\
and enter the following at the command prompt:
opmnctl startall`

5.3 Task 3: Run OPatch to uninstall the patch

Use the OPatch command to uninstall the Oracle BI Mobile App Designer patch.

1. Change to the directory where the patch was unzipped.
2. Run the OPatch command:

```
opatch rollback -id 18794832
```

6 Troubleshooting

- [The bimad Application Does Not Start](#)
- [Mobile App Designer Option Not Available from Oracle Business Intelligence Home Page](#)
- [Log In Required When Mobile App Designer Is Opened](#)
- [The addMADCodeGrants.py Script Fails](#)
- [Inserting Map Component Causes Error](#)
- [Mobile App Designer Options Disappear from BI Home Page After Upgrading to a BIEE Bundle Patch](#)
- [Mobile App Designer Not Updated After Performing Upgrade](#)
- [Why do I get the following patch conflict error message when running OPatch?](#)
- [Why do I get the OUI-67078 warning message when applying OPatch?](#)

6.1 The bimad Application Does Not Start

Following are two possible causes for the bimad application failing to start after installation and deployment:

- [The bimad Application Is Not Deployed to Same Target as Analytics](#)
- [Oracle BI JBIPS Is Not Deployed](#)

6.1.1 The bimad Application Is Not Deployed to Same Target as Analytics

The bimad Web application must be deployed to the same target as the Analytics web application. The default target is "bi_cluster".

If you did not deploy the bimad application to the same target as the Analytics web application, change the deployment as follows:

1. In a browser, navigate to the WebLogic Administration Console.
2. Click **Lock & Edit** in the Change Center.
3. Click **Deployments** on the left pane under **Domain Structure**.
4. On the **Deployments** table select the bimad application.
5. Select the **Targets** tab.
6. Click **Change Targets** and update the target server.
7. Click **Release Configuration** in the Change Center.

6.1.2 Oracle BI JBIPS Is Not Deployed

If the bimad application does not start and you see this error:

```
[Extension-Name: oracle.bi.jbips.common, exact-match: false],  
[Extension-Name: oracle.bi.jbips.soap, exact-match: false]
```

You must deploy Oracle BI JBIPS 11.1.1.7.0.

Follow the steps in the section "Enabling JBIPS Features" under "Post-Patching Tasks If Your Starting Point is Release 11.1.1.6.0," in the *Oracle Fusion Middleware Patching Guide*.

6.2 Mobile App Designer Option Not Available from Oracle Business Intelligence Home Page

If you log in to the Oracle Business Intelligence Home page and do not see the Mobile App Designer option, ensure that you followed the postinstall step: [Section 3.2.5, "Task 5: Enable BI Mobile App Designer in BI Presentation Services."](#)

6.3 Log In Required When Mobile App Designer Is Opened

If you are prompted for login credentials when you access Mobile App Designer, then the code grants were not successfully added to the system JAZN file.

To validate the code grants:

1. Start WebLogic Administration server:

On Unix:

Navigate to `prod_mwhome/user_projects/domains/<domain_name>/bin`

Enter the following at the command prompt:

```
./startWebLogic.sh
```

2. Run WLST script to validate the code grants for Mobile App Designer:

```
cd prod_mwhome/Oracle_BI1/bifoundation/install
```

```
prod_mwhome/Oracle_BI1/common/bin/wlst.sh validateMADApplication.py  
t3://<hostname>:7001 <WebLogic administrator name>
```

Example:

```
prod_mwhome/Oracle_BI1/common/bin/wlst.sh validateMADApplication.py
t3://myserver1:7001 weblogic
```

If the validation script returns: "BI Mobile App Designer deployment not found. Please double check the installation process."

Repeat [Task 2: Update Security Configuration for Oracle BI Mobile App Designer](#).

If the validation script returns: "BI Mobile App Designer deployment found."

Contact Oracle Support Services.

6.4 The addMADCodeGrants.py Script Fails

If the addMADCodeGrants.py script fails ensure that you are using wlst.sh under

```
prod_mwhome/Oracle_BI1/common/bin
```

Do NOT use

```
prod_mwhome/wlserver_10.3/common/bin
```

6.5 Inserting Map Component Causes Error

If you try to insert a map component to you app and you receive the error:

You must configure the Map component properly. See [Section 3.2.3, "Task 3: Copy Map, Translation, and Plugins Folders."](#)

6.6 Mobile App Designer Options Disappear from BI Home Page After Upgrading to a BIEE Bundle Patch

If you installed Oracle BI Mobile App Designer to your 11.1.1.7.1 environment and then upgrade to a later Oracle BIEE Bundle Patch (such as 11.1.1.7.140114), ensure that <EnableMAD> is set to "true" in the instanceconfig.xml, as described in [Section 3.2.5, "Task 5: Enable BI Mobile App Designer in BI Presentation Services."](#)

6.7 Mobile App Designer Not Updated After Performing Upgrade

If after running the upgrade procedure you log in to Oracle BI EE and BI Mobile App Designer is not updated to the newer version, try the following:

- Ensure that you manually updated the application from the Oracle WebLogic Server console as described in [Section 4.7, "Update the bimad Application in WebLogic Server."](#)
- Manually delete any cached temp JSP files created by the previous version of Mobile App Designer.

To delete the cached temporary JSP files:

1. Locate the bimad temp directory. The bimad temp directory is typically located at:

```
[Middleware Home]/user_projects/domains/bifoundation_domain/servers/bi_server1/tmp/_WL_user/bimad_11.1.1/
```

2. Delete all files and folders located under the tmp/_WL_user/bimad_11.1.1/ folder.

6.8 Why do I get the following patch conflict error message when running OPatch?

If the patch that you apply conflicts with a previously applied patch, you may receive the following error message when running OPatch:

```
Patch(es) <PreviousPatch#> conflict with the patch currently being installed
(<NewPatch#>).
```

If you continue, patch(es) <PreviousPatch#> will be rolled back and the new patch (<NewPatch#>) will be installed.

If a merge of the new patch (<NewPatch#>) and the conflicting patch(es) (<PreviousPatch#>) is required, contact Oracle Support Services and request a Merged patch.

This error is returned when one patch attempts to update a previously patched file. When this conflict happens, you can either (1) roll back the previous patch and use the new patch (this action might be appropriate if the previous patch was not critical) or (2) request a “merged patch” consisting of the new patch and the patch that it conflicts with. To request a merged patch, contact your Oracle Support representative.

6.9 Why do I get the OUI-67078 warning message when applying OPatch?

This warning means that the patch being applied is a superset of a patch already on the deployment and the existing patch will be rolled back. The following snippet shows the context of this warning.

The following warnings have occurred during OPatch execution:

```
1) OUI-67078:Interim patch [77777777] is a superset of the patch(es) [77777777] in
OH C:\Oracle\Middleware\EPM_ORACLE_HOME
```

```
-----
-
OPatch Session completed with warnings.
```

7 Known Issues

For the most current list of known issues and workarounds for this release, see the *Oracle Business Intelligence Mobile App Designer Release Notes*.

8 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

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