ORACLE
INSURANCE

Oracle® Insurance Policy Administration

WebLogic Deployment

Installation Instructions – Step 2

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INTRODUCTION

The Oracle Insurance Policy Administration (OIPA) application and the Oracle Insurance Rules Palette form a solution for configuring, managing and processing policy data. Both applications, along with the Web Application Utility, must be installed and then configured to work together.

This install guide will cover step two of the installation process, in which the OIPA application and the Web Application Utility are configured using Web Logic. Please refer to the OIPA database installation instructions in the documentation library provided with the release to ensure the database is set up correctly.

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Prerequisites

Before beginning the installation steps, you must have the following components:

- Supported WebLogic version installed on a supported OS.
- Administrative rights to the server.
- Oracle Insurance Policy Administration v10.2.2.0 Media Pack from The Oracle Software Delivery Cloud.
- Oracle Insurance Rules Palette V10.2.2.0 Media Pack from The Oracle Software Delivery Cloud. The Web Application Utility files are included in this Media Pack in the PaletteConfig folder.

Note: Please refer to the OTN site for supported technology stack details.

Coherence Compatibility

1) Logon to Oracle website and download the coherence jar using the below url:
   `http://www.oracle.com/technetwork/middleware/coherence/downloads/index.html`

   (`Version: Coherence 3.7.1.0`)

2) Web logic 12 C(version 12.1.2) is bundled with coherence 12 by default as OIPA uses Coherence 3.7.1.0 we will have to manually replace the coherence 12 jar with coherence 3.7.1.0 in the location where the web-logic is installed.

   Ex: `/opt/oracle/Middleware/Oracle_Home/coherence/lib/Coherence.jar` with the coherence 3.7.1.0 jar downloaded above.

INITIAL SYSTEM CONFIGURATION

Database Driver Setup

1) Create a directory on the WebLogic installation machine to store database driver jar files for OIPA (i.e., `/opt/oracle/db_drivers/` or `C:\oracle\db_drivers\`).

2) Copy the database drivers for your database into this directory.

   - **Oracle 12.1 –** The necessary driver, **ojdbc-11.2.0.2.jar**, is included in the **libs** directory of the OIPA Media Pack.
   - **Microsoft SQL Server 2008** – download the latest **jtds.jar** file.
     a. Download **jtds** from the following site: **http://sourceforge.net/projects/jtds/.**
     b. Click the green Download box on the right side of the screen. A pop-up window will open.
     c. Save the **download .zip** file to the lib directory you created (i.e., /opt/oracle/lib).
     d. Open the **downloaded .zip** file and extract the file **jtds-1.2.6** from the root of the .zip file.
     e. Rename the file **jtds.jar**.
   - **IBM DB2** – The two necessary .jar files (**db2jcc** and **db2jcc_license_cu)** are included with the purchase of the DB2 software. These files are not available for download. Contact your IT department if you need assistance locating these files.

Note:	Each version of DB2 requires specific drivers. The files above correspond with DB2 10.5.5

OIPA Setup

1. Create a directory on the WebLogic server to store various configuration files for OIPA (i.e., /opt/oracle/oipa/ or C:\oracle\oipa\).
2. Create subdirectories inside the directory from Step 1 called **conf**, **libs** and **war**.
3. Copy **PASJava-weblogic.war** file from the OIPA distribution zip file into the **war** subdirectory and rename to **PASJava.war**

   Note: Extension classes/jars developed using OIPA extension interfaces should be copied to PASJava-weblogic.war/WEB-INF/lib before copying **PASJava-weblogic.war** to the war subdirectory. This is required for the extensions to work.

   ---

4. Copy the following files from the **properties files** directory into the **conf** directory:
   - coherence-cache-config.xml
   - coherence-config.xml
   - PAS.properties
5. Copy the following files from the **ext jars** directory into the **libs** directory:
   - antlr-3.4.jar
   - commons-collections-3.2.1.jar
   - commons-logging-1.1.1.jar
   - el-api-2.2.jar
   - log4j-1.2.16.jar
   - spring-instrument-3.1.0.RELEASE.jar
6. Download aspectj-1.6.11.jar from http://www.eclipse.org/downloads/download.php?file=/tools/aspectj/aspectj-1.6.11.jar
   a. Open aspectj-1.6.11.jar with an unzipping software and retrieve aspectjrt.jar and aspectjweaver.jar from the lib folder.
   b. Copy aspectjrt.jar and aspectjweaver.jar into **libs** sub-directory.
   c. Copy the below jars from Oracle Installation directory (path as mentioned below) to the **libs** folder.
      - .. ../Middleware/oracle_common/modules/oracle.osdt_12.1.2/osdt_core.jar
      - .. ../Middleware/oracle_common/modules/oracle.osdt_12.1.2/osdt_cert.jar
      - .. ./Middleware/oracle_common/modules/oracle.pki_12.1.2/oraclepki.jar
7. Use a text editor to open the `PAS.properties` file that you just copied to the server. The `PAS.properties` file contains properties for Oracle, SQL Server and DB2 database types, with the Oracle settings active by default. The inactive settings are commented out with a '#' character at the start of each line. To change a

setting, remove the '#' from the required property setting, and insert it at the beginning of the setting you want to de-activate.

8. The properties setting must match the type of database being used. The two properties that are used to do this are:
   - `application.databaseType`
   - `jpa.databasePlatform`

Note: Refer to the System Properties document in the Oracle Insurance Policy Administration E69382-01 Documentation Library on the OTN for a complete list of all properties and allowed values.

9. Identify the default locale in the `PAS.properties` file. The locale selected will determine the translation that is loaded in the database for OIPA when it launches.
   - `application.defaultLocale`
10. If using an Oracle or Microsoft SQL Server database, please skip this step. If using a DB2 database, you will need to modify the PAS.properties file to include configuration for case-insensitive searching:
    - Modify the PAS.properties file to include the following line:

      `search.field.text.caseInsensitive=true`

Note: Extension classes/jars developed using OIPA extension interfaces should be copied to PASJava-weblogic.war/WEB-INF/lib before copying **PASJava-weblogic.war** to the war subdirectory. This is required for the extensions to work.

Web Application Utility Setup

1. Create a directory on the WebLogic server to store various configuration files for the Web Application Utility (i.e., /opt/oracle/paletteconfig/ or C:\oracle\paletteconfig\).
2. Create subdirectories inside the directory from Step 1 called **conf**, **libs**, **uploads** and **war**.

Note: Grant read-write-execute permissions on all these directories.

3. Copy the **PaletteConfig-waswl.war** file into the **war** subdirectory and rename to **PaletteConfig.war.**
4. Copy the **PaletteWebApplication.properties** file into the **conf** subdirectory.
5. Open the **PaletteWebApplication.properties** file and edit the **download.dir** property to point to the **uploads** subdirectory created in Step 2.

CONFIGURING WEBLOGIC

To configure WebLogic use the WebLogic Administration Console. By default the port number is 7001 and */console* is the context root. Example: http://hostname:7001/console

Note: When selecting a menu option in the WebLogic Administrative Console, the names may differ depending on whether WebLogic is used in development mode or production mode.

Create a Machine

1. Select **Environment>Machines>New**.
2. Enter the name for the machine.
3. If the OS is not UNIX, select **Other** from the **Machine OS** drop-down list.
4. Click **Next**.
5. Click **Finish**.

Create and Configure OIPA Server

Important: OIPA and the Web Application Utility can exist on the same WebLogic server if necessary.

Create the OIPA Server

1. Select **Environment>Servers**.
2. Click **New**.
3. Enter OIPA for the name of the server.
4. Set the listener port to a port that is not used by any other application.
5. Click **Next**.
6. Select **Finish**.

Add the OIPA Server to the Machine

1. Select **Environment>Machines**.
2. Select the machine that was created.
3. Select the **Servers** tab.
4. Select **Add**.
5. Select the name of the OIPA server created from the **Select a server** drop-down box.
6. Click **Finish**.

Configure the OIPA Server

1. Select **Environment>Servers**.
2. Select the OIPA server that was created.
3. Select the **Server Start** tab.
4. Specify the class path. The path names will vary depending on the configuration.

```
/opt/oracle/Middleware/wlserver/server/lib/weblogic.jar:/opt/oracle/oipa/conf:/opt/oracle/oipa/libs/antlr-3.4.jar:/opt/oracle/oipa/libs/commons-collections-3.2.1.jar:/opt/oracle/oipa/libs/commons-logging-1.1.1.jar:/opt/oracle/oipa/libs/el-api-2.2.jar:/opt/oracle/oipa/libs/log4j-1.2.16.jar:/opt/oracle/Middleware/wlserver/server/lib/consoleapp/APP-INF/lib/jstl.jar:/opt/oracle/oipa/libs/aspectjrt.jar:/opt/oracle/oipa/libs/aspectjweaver.jar:/opt/oracle/oipa/libs/coherence.jar:/opt/oracle/oipa/libs/oraclepki.jar:/opt/oracle/oipa/libs/osdt_cert.jar:/opt/oracle/oipa/libs/osdt_core.jar
```

> **Note:** If using WebLogic on Windows, then the separator for files/directories in the classpath is a semicolon.

5. Enter the following arguments. The path names will vary depending on the configuration. The memory settings can be altered for your needs as well. .

```
-server -Xms512M -Xmx2048M -XX:PermSize=128M -XX:MaxPermSize=512M
-javaagent:/opt/oracle/oipa/libs/spring-instrument-3.1.0.RELEASE.jar
-Dtangosol.coherence.cacheconfig=/opt/oracle/oipa/conf/coherence-cache-config.xml
-Dtangosol.pof.config=com-adminserver-pas-web-pof-config.xml
-Dtangosol.coherence.override=/opt/oracle/oipa/conf/coherence-config.xml
-Dweblogic.wsee.skip.async.response=true
-Dtangosol.coherence.mode=prod
```

6. Select **Save**.

Create and Configure Web Application Utility Server

Create the Web Application Utility Server

1. Select **Environment>Servers**.
2. Click **New**.
3. Enter PaletteConfig for the name of the server.
4. Set the listener port to a port that is not used by any other application.
5. Click **Next**.
6. Select **Finish**.

Add the Web Application Utility Server to the Machine

1. Select **Environment>Machines**.
2. Select the machine that was created.
3. Select the **Servers** tab.
4. Select **Add**.
5. Select the name of the Web Application Utility server created from the **Select a Server** drop-down box.
6. Click **Finish**.

Configure the Web Application Utility Server

1. Select **Environment>Servers**.
2. Select the PaletteConfig server that was created.
3. Select the **Server Start** tab.
4. Specify the class path. The path names will vary depending on the configuration.

   ```
   /opt/Oracle/Middleware/wlserver/server/lib/weblogic.jar:/opt/oracle/pale
   tteconfig/conf/:/opt/oracle/db_drivers/ojdbc-11.2.0.2.jar
   ```

   Note: The example lists the driver for the Oracle or SQL Server database. Make sure that the classpath refers to the correct drivers for DB2 as needed.

   Make sure the classpath points to the correct directory for the Web Application Utility.

5. Enter the following arguments. This will vary depending on the configuration.

   ```
   -server -Xms256M -Xmx512M -XX:PermSize=128M -XX:MaxPermSize=256M
   ```

6. Select **Save**.

Create Data Sources - Oracle

Create the Data Source for ADMINSERVERDS

1. Select **Services> Data Sources.**
2. In the configuration section on the right, click **New** and Select **Generic Data Source**.
3. In the **JDBC Data Source Properties** pane that appears:
    a. Change the Name. This name can be anything, but has to be unique for the entire WebLogic server. If you have more than one OIPA instance on the server, then each instance should have a unique name.
    b. Change the JNDI Name to ADMINSERVERDS. This name cannot be anything other than ADMINSERVERDS.
    c. Select the Oracle database type.
    d. Click **Next**.
    e. Keep the default driver.
4. Select **Next**.
5. Select **Next** again when Transaction options are displayed.
6. In the **Connection Properties** pane:
    a. Enter the Database Name.
    b. Enter the Host Name of the database server.
    c. Enter the Port number of the database server.
    d. Enter the Database user name. This can be obtained from the database administrator who installed the databases.
    e. Enter both password entries. This can be obtained from the database administrator who installed the databases.
    f. Select **Next**.

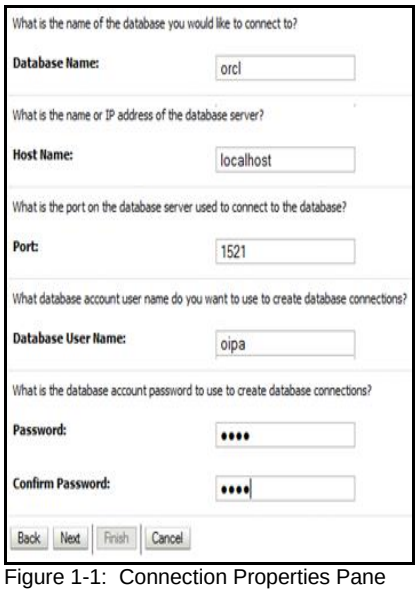

Figure 1-1: Connection Properties Pane

7. Test the database connection.
8. Select **Next**.
9. In the **Select Targets** pane that appears, check the box for the OIPA application server. This links the data source to the server that was created.
10. Select **Finish**.

Create the Data Source for ADMINSERVERRESOURCEDS

1. Select **Services> Data Sources**.
2. In the configuration section on the right, click **New** and then **Select Generic Data Source**.
3. In the **JDBC Data Source Properties** pane that appears:
    a. Change the Name. This name can be anything, but has to be unique for the entire WebLogic server. If you have more than one OIPA instance on the server, each instance should have a unique name.
    b. Change the JNDI Name to ADMINSERVERRESOURCEDS.
    c. Select the database type.
    d. Select the driver type.
4. Select **Next**.
5. Select **Next** again when Transaction options are displayed.
6. In the **Connection Properties** pane:
    a. Enter the Database Name.
    b. Enter the Host Name of the database server.
    c. Enter the Port number of the database server.
    d. Enter the Database user name for a readonly user. This can be obtained from the database administrator who installed the databases.
    e. Enter both password entries. This can be obtained from the database administrator who installed the databases.
    f. Select **Next**.
7. Test the database connection.
8. Select **Next**.
9. In the **Select Targets** pane that appears, check the box for the OIPA application server. This links the data source to the servers that were was created.
10. Select **Finish**.

Create the Data Source for ADMINSERVERSEARCHDS

1. Select **Services> Data Sources**.
2. In the configuration section on the right, click **New** and then **Select Generic Data Source**.
3. In the **JDBC Data Source Properties** pane that appears:
    a. Change the Name. This name can be anything, but has to be unique for the entire WebLogic server. If you have more than one OIPA instance on the server, each instance should have a unique name.
    b. Change the JNDI Name to ADMINSERVERSEARCHDS.
    c. Select the database type.
    d. Select the driver type.
4. Select **Next**.
5. Select **Next** again when Transaction options are displayed.
6. In the **Connection Properties** pane:
    a. Enter the Database Name.
    b. Enter the Host Name of the database server.
    c. Enter the Port number of the database server.
    d. Enter the Database user name for a Readonly user. This can be obtained from the database administrator who installed the databases.
    e. Enter both password entries. This can be obtained from the database administrator who installed the databases.
    f. Select **Next**.
7. Test the database connection.
8. Select **Next**.
9. In the **Select Targets** pane that appears, check the box for the OIPA application server. This links the data source to the servers that were was created.
10. Select **Finish**.

Create Data Source for ADMINSERVERREADONLYDS

1. Select **Services> Data Sources**.
2. In the configuration section on the right, click **New** and then **Select Generic Data Source**.
3. In the **JDBC Data Source Properties** pane that appears:
   a. Change the Name to ADMINSERVERREADONLYDS. This name can be anything, but has to be unique for the entire WebLogic server. If you have more than one OIPA instance on the server, each instance should have a unique name.
   b. Change the JNDI Name to ADMINSERVERREADONLYDS.
   c. Select the database type.
   d. Select the driver type.
4. Select **Next**.
5. Select **Next** again when Transaction options are displayed.
6. In the **Connection Properties** pane:
   a. Enter the Database Name.
   b. Enter the Host Name of the database server.
   c. Enter the Port number of the database server.
   d. Enter the Database user name for the readonly user. This can be obtained from the database administrator who installed the databases.
   e. Enter both password entries. This can be obtained from the database administrator who installed the databases.
   f. Select **Next**.
7. Test the database connection.
8. Select **Next**.
9. In the **Select Targets** pane that appears, check the box for the OIPA application server. This links the data source to the servers that were was created.
10. Select **Finish**.

Create Data Sources – SQL Server

SQL Server driver is not available by default while configuring a datasource on Weblogic. Hence we need to follow the below steps.

CLASSPATH Entry

Update `WEBLOGIC_CLASSPATH` entry.

Open file and add the entry `${CLASSPATHSEP}${WL_HOME}/server/lib/jtds-1.2.2.jar` as shown below.

`/scratch/oipa/Oracle/Middleware/wlserver/common/bin/commEnv.sh`

```
WEBLOGIC_CLASSPATH="${JAVA_HOME}/lib/tools.jar${CLASSPATHSEP}${WL_HOME}/server/lib
/weblogic_sp.jar${CLASSPATHSEP}${WL_HOME}/server/lib/weblogic.jar${CLASSPATHSEP}${
FEATURES_DIR}/weblogic.server.modules_10.3.6.0.jar${CLASSPATHSEP}${WL_HOME}/server
/lib/webservices.jar${CLASSPATHSEP}${ANT_HOME}/lib/ant-
all.jar${CLASSPATHSEP}${ANT_CONTRIB}/lib/ant-
contrib.jar${CLASSPATHSEP}${WL_HOME}/server/lib/jtds-1.2.2.jar"
```

Start the domain and the node manager and re-check the new entry is in the class path

Update

Place the `jtds-1.2.2.jar at /scratch/oipa/Oracle/Middleware/wlserver/server/lib` .Under server start classpath for any application server, you have to add the path to this jar as mentioned in OIPA Deployment Doc for Weblogic.

Registering Driver Class and Description

Add the following code snippet at the mentioned file.

This snippet contains a description of Driver Class and the proper use of it inside Oracle Weblogic Driver declaration.

`/scratch/oipa/Oracle/Middleware/wlserver/server/lib/jdbcdrivers.xml`

Create the Data Source for ADMINSERVERDS

1. Select **Services> Data**.
2. In the configuration section on the right, click **New** and select **Generic Data Source**.
3. In the **JDBC Data Source Properties pane** that appears:
   a. Change the **Name**. This name can be anything, but has to be unique for the entire WebLogic server. If you have more than one OIPA instance on the server, then each instance should have a unique name.
   b. Change the **JNDI** Name to **ADMINSERVERDS**. This name cannot be anything other than **ADMINSERVERDS**.
   c. Select the **MS SQL Server** database type.
   d. Click **Next**.
   e. Select the driver jTDS - Sourceforge's MS SQL Server Driver (Type 4) Versions:2005 and later **Other**.

4. Select **Next**.
5. Select **Next** again when Transaction options are displayed.
6. In the **Connection** Properties pane:
    a. Enter the **Database Name**.
    b. Enter the **Host Name** of the database server.
    c. Enter the **Port number** of the database server.
    d. Enter the **Database user name**. This can be obtained from the database administrator who installed the databases.
    e. Enter both password entries. This can be obtained from the database administrator who installed the databases.
    f. Select **Next**.
7. On the next page for Test Database Connection modify the URL: field as shown in the below example,
   `jdbc:sqlserver://slc03xxx.us.oracle.com:1900` to
   `jdbc:jtds:sqlserver://slc03xxx.us.oracle.com:1900`
8. Test the **database connection**.
9. Select **Next**.
10. In the **Select Targets pane** that appears, check the box for the OIPA application server. This links the data source to the server that was created.
11. Select **Finish**.

Create the Data Source for ADMINSERVERRESOURCEDS

1. Select **Services> Data Sources**.
2. In the configuration section on the right, click New and then select **Generic Data Source**.
3. In the **JDBC Data Source Properties pane** that appears:
    a. Change the **Name**. This name can be anything, but has to be unique for the entire WebLogic server. If you have more than one OIPA instance on the server, each instance should have a unique name.
    b. Change the **JNDI** Name to **ADMINSERVERRESOURCEDS**.
    c. Select the database type.
    d. Select the driver type.
4. Select **Next**.
5. Select **Next** again when Transaction options are displayed.
6. In the **Connection Properties** pane:
    a. Enter the Database Name.
    b. Enter the Host Name of the database server.

c. Enter the Port number of the database server.

d. Enter the Database user name for a readonly user. This can be obtained from the database administrator who installed the databases.

e. Enter both password entries. This can be obtained from the database administrator who installed the databases.

f. Select **Next**.

7. On the next page for Test Database Connection modify the URL: field as shown in the below example `jdbc:sqlserver://slc03xxx.us.oracle.com:1900` to `jdbc:jtds:sqlserver://slc03xxx.us.oracle.com:1900`

8. Test the database connection.

9. Select **Next**.

10. In the **Select Targets** pane that appears, check the box for the OIPA application server. This links the data source to the servers that were was created.

11. Select **Finish**.

Create the Data Source for ADMINSERVERSEARCHDS

1. Select Services> Data Sources.

2. In the configuration section on the right, click New and then Select Generic Data Source.

3. In the JDBC Data Source Properties pane that appears:

   a. Change the Name. This name can be anything, but has to be unique for the entire WebLogic server. If you have more than one OIPA instance on the server, each instance should have a unique name.

   b. Change the JNDI Name to ADMINSERVERSEARCHDS.

   c. Select the database type.

   d. Select the driver type.

4. Select **Next**.

5. Select **Next** again when Transaction options are displayed.

6. In the Connection Properties pane:

   a. Enter the Database Name.

   b. Enter the Host Name of the database server.

   c. Enter the Port number of the database server.

   d. Enter the Database user name for a readonly user. This can be obtained from the database administrator who installed the databases.

   e. Enter both password entries. This can be obtained from the database administrator who installed the databases.

f. Select **Next**.

7. On the next page for Test Database Connection modify the URL: field as shown in the below example `jdbc:sqlserver://slc03xxx.us.oracle.com:1900` to `jdbc:jtds:sqlserver://slc03xxx.us.oracle.com:1900`
8. Test the database connection.
9. Select **Next**.
10. In the **Select Targets pane** that appears, check the box for the OIPA application server. This links the data source to the servers that were was created.
11. Select **Finish**.

Create Data Source for ADMINSERVERREADONLYDS

1. Select Services> Data Sources.
2. In the configuration section on the right, click **New** and then select **Generic Data Source**.
3. In the JDBC Data Source Properties pane that appears:
   a. Change the Name to ADMINSERVERREADONLYDS.
   b. Change the JNDI Name to ADMINSERVERREADONLYDS.
   c. Select the database type.
   d. Select the driver type.
4. Select **Next**.
5. Select **Next** again when Transaction options are displayed.
6. In the Connection Properties pane:
   a. Enter the Database Name.
   b. Enter the Host Name of the database server.
   c. Enter the Port number of the database server.
   d. Enter the Database user name for the readonly user. This can be obtained from the database administrator who installed the databases.
   e. Enter both password entries. This can be obtained from the database administrator who installed the databases.
   f. Select **Next**.
7. On the next page for Test Database Connection modify the URL: field as shown in the below example `jdbc:sqlserver://slc03xxx.us.oracle.com:1900` to `jdbc:jtds:sqlserver://slc03xxx.us.oracle.com:1900`
8. Test the **database connection**.
9. Select **Next**.

10. In the **Select Targets pane** that appears, check the box for the OIPA application server. This links the data source to the servers that were was created.
11. Select **Finish**.

Deploy OIPA Application

1. Using the navigation tree on the left, select **Deployments**.
2. In the configuration section on the right, select **Install**.
3. In the **Install Application Assistant**:
    a. Locate the `/opt/oracle/Middleware/Oracle_Home/wlserver/common/deployable-libraries/jsf-1.2.war`
    b. Click **Next.**
    c. Select **Install this deployment as a library** option.
    d. **Click** Next
    e. For the **Select deployment targets**, select the checkbox for the server that will host the OIPA application.
    f. Click **Next**.
    g. Change the application name if needed.
    h. Click **Next**.
    i. Select **Finish**.

4. In the **Install Application Assistant**:
    a. Locate the **PASJava.war** file.
    b. Click **Next**.
    c. For the **Choose targeting style** keep the default of Install this deployment as an application.
    d. Click **Next**.
    e. For the **Select deployment targets,** select the checkbox for the server that will host the OIPA application.

    Note: Make sure OIPA is deployed in the same sever where the above library is deployed.

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    f. Click **Next**.
    g. Change the application name if needed.
    h. Click **Next**.
    i. Select **Finish**.

Deploy the Web Application Utility

1. Using the navigation tree on the left, select **Deployments**.
2. In the configuration section on the right, select **Install**.
3. In the Install Application Assistant:

   a. Locate the `/opt/oracle/Middleware/Oracle_Home/wlserver/common/deployable-libraries/jsf-1.2.war`
   b. Click **Next.**
   c. Select **Install this deployment as a library** option.
   d. Click **Next**
   e. For the **Select deployment targets**, select the checkbox for the server that will host the PaletteConfig application.
   f. Click **Next**.
   g. Change the application name if needed.
   h. Click **Next**.
   i. Select **Finish**.

4. In **the Install Application Assistant**:

   a. Locate the **PaletteConfig.war** file.
   b. Click **Next**.
   c. For the **Targeting Style** keep the default of **Install this deployment as an application**.
   d. Click **Next**.
   e. For the **Deployment Target** select the checkbox for the server that will host the Web Application Utility.

   Note: Make sure PaletteConfig is deployed to the same sever where the above library is deployed.

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   f. Click **Next**.
   g. Change the application name if needed.
   h. Click **Next**.
   i. Select **Finish**.

Preparing Deployments

1. Using the navigation tree on the left, select **Deployments**.
2. Select recently deployed deployments.
3. Click **Start** and select Servicing **All Requests.**

Start the Servers

1. Select **Environment>Servers**.
2. In the configuration section on the right, select **Control** tab.
3. Select the checkbox next to the OIPA and PaletteConfig servers.
4. Select the **Start** option.

Important: When configuring the Rules Palette environment use the URL of the PaletteConfig server. The Web Application Utility must always be running in order for users to access the Rules Palette.

TEST THE DEPLOYMENTS

The initial test of the deployment is to confirm that the application presents a login screen when the application URL is opened. Final testing of the OIPA deployment must wait until after the Web Application Utility is configured and initial users have been set up.

OIPA Deployment

1. Open a new Internet Explorer window.
2. Navigate to http://hostname:port/PASJava/.

   Note: If you change the context name, use that name in the URL instead of PASJava.

3. Confirm that the login screen appears.

Web Application Utility Deployment

1. Open a new Internet Explorer window.
2. Navigate to http://hostname:port/PaletteConfig/.

   Note: If you change the context name, use that name in the URL instead of PaletteConfig.

3. Confirm that the Web Application Utility set-up screen appears.