ORACLE
INSURANCE

Oracle® Insurance Policy Administration

Oracle Installer

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INTRODUCTION

Oracle Installer is an installation application that automates the installation of Oracle Insurance Policy Administration (OIPA), Oracle Insurance Rules Palette (OIRP), Oracle cycle agent, Oracle cycle client and OIPA database schemas in an Oracle database.

Customer Support

If you have any questions about the installation or use of our products, please visit the My Oracle Support website: https://support.oracle.com, or call (800) 223-1711.

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info or visit http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs if you are hearing impaired.

PREREQUISITES

Oracle Installer needs a number of prerequisites in order to execute successfully.

Technical Requirements

- OEL Enterprise Linux 5.8 64-bit
- Oracle Database 11G Release 2 Enterprise Edition
- Oracle WebLogic Server 10.3.6
- Sun Java SE 1.6.0_31 or later
- 500MB of hard disk space

Additional Requirements

- The Oracle Installer uses an active X Window system. If installing remotely, make sure the environment you are installing from is setup to display X Window.
- The installer can only be launched by a user other than the root user.
- When performing the database installation, the installation user must be able to execute SqlPlus, and should be the owner of the Oracle database.
- When installing the OIPA Application and the Web Application Utility, the installation user must have read, write and execute permissions for the WebLogic directory.
- The installation user must have access to JDK.
- The Linux user should be same for the Oracle DB, Oracle WebLogic and OIPA installations.
- Set DomainRegistrationEnabled to **true** in nodemanager.properties before running the WebLogic NodeManager.

PRE-INSTALLATION STEPS

The following checks are required before any applications can be installed.

Xconnection Check

> **Note:** This check is not required when the log in user and the install user are the same

An Xconnection check is required before installing any applications. Without this check, the Installer Wizard will not open.

To check the Xconnection configuration, execute the xclock command at the install user prompt. If xclock does not execute successfully, then execute the following steps:

1. Go to the log in user prompt and check the permissions for.Xauthority. For example:

   ```
   $ ls –l .Xauthority
   -rw-----+ 1 log-in-user dba 642 Oct 10 22:30 .Xauthority
   ```

2. Give permissions to .Xauthority. For example: `$ chmod 644 .Xauthority`

   - The above command may return the following error: `ls: .Xauthority: No such file or directory`
   - If so, re-execute the command with the full path. For example: `$ chmod 644 /home/log-in-user/.Xauthority`

3. Check the updated permissions with the following command:

   ```
   $ ls –l .Xauthority
   -rw-r--r--+ 1 log-in-user dba 642 Oct 10 22:35 .Xauthority
   ```

4. Go to the install user prompt and export the log in user .Xauthority, which was just updated. For example:

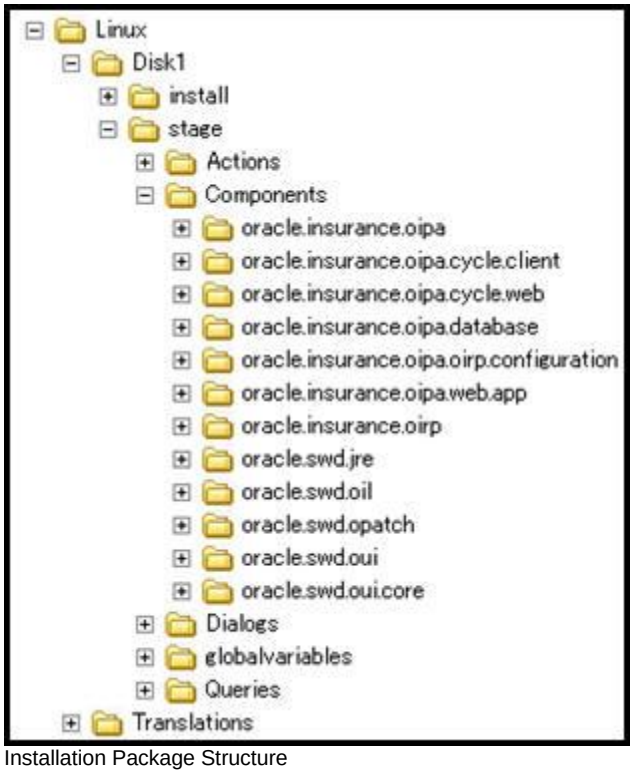
   ```
   [gbuora@slc01hfz install]$ export XAUTHORITY=/home/ log-in-user/.Xauthority
   ```

5. Run the xclock command at the install user prompt. If xclock executes successfully, then the Installer Wizard will open.

Launch Utility

The following shell file needs to be executed in order to start the installer. Go to the `Linux/Disk1/install/directory` and run the **runInstaller.sh** file. For example:

```
[gbuora@slc01hfz install]$OIPA_INSTALLER_HOME/Disk1/install/runinstaller.sh
```



Installation Package Structure

INSTALLATION PROCESS

The following sections will walk through the installation process.

Installing the OIPA Schema in Oracle Database

1. On the Installer's Welcome page, click **Next**.
2. Select **Oracle Insurance Policy Administration Database Installation** and click **Next**.
3. Enter or select the Oracle Database installation path. Click **Next**.
4. Select **Oracle** as the database and click **Next**.
5. Enter the server port, system ID (SID) and DBA user credentials for the Oracle Database. Click **Next**.
6. Enter the OIPA schema user credentials and click **Next**.
7. Enter the OIPA Read-only and Search user credentials. Click **Next**.
8. Enter the credentials for the Rules Palette IVS user and click **Next**.
9. Review the information on the Summary page.
10. Click **Install** to begin the installation.

Post-Schema Installation Checks

Follow these steps to check that the installer successfully installed the required schemas in the database:

1. Run the command `$ sqlplus.`
2. Enter your user name. This is the DBA username specified during installation.
3. Enter your password. This is the DBA password specified during installation.
4. Run the SQL query `SELECT DISTINCT Username FROM dba_users.` The query should show the OIPA users created by the installer.
5. Run the SQL query `CONNECT oipa_user/oipa_user@DB11G.`
6. Select any table. The records for that table should be displayed.
7. Run the SQL query `SELECT * FROM ASCODE;.`

Installing OIPA, OIRP, Cycle Agent and Cycle Client

Before starting the OIPA, OIRP and cycle installation, make sure to manually check the following node manager settings:

1. In the node manager properties file, `/opt/Middleware/Home_11G/wlserver_10.3/common/nodemanager/nodemanager.properties`, change the value of `DomainRegistrationEnabled` to **true**.
2. Start the node manager by executing the following command:
   ```
   $ /opt/Middleware/Home_11G/wlserver_10.3/server/bin/startModeManager.sh
   ```
3. Launch the Installer wizard (see the Launch Utility section).
4. On the Installer's Welcome page, click **Next**.
5. Select **Oracle Insurance Policy Administration System** and click **Next**.
6. Enter or select the OIPA installation path. Click **Next**.
7. Select the applications to be installed and click **Next**.
8. Select **Oracle WebLogic** as the application server and click **Next**.
9. Enter or select the path to the WebLogic home directory. Click **Next**.
10. Enter the domain name, WebLogic Admin Port, OIPA Listening Port and WebLogic user credentials. Click **Next**.
11. Select **Oracle** as the database.
12. Enter the database server name, port, and SID, as well as the OIPA user credentials. Click **Next**.
13. Enter the credentials for the OIPA Read-only and Search users. Click **Next**.
14. Make any necessary updates to the PAS.properties file. There are five pages in total relating to this file.
15. Make any necessary updates to the Coherence configuration and click **Next**.
16. Select whether the Web Application Utility should use the same domain as OIPA. Click **Next**.
    - If the domain should be different, select the 'No' option and enter the Web Application Utility domain details.
17. Enter or select the OIRP download directory.
18. Select whether the cycle agent should use the same domain as the Web Application. Click **Next**.
    - If the domain should be different, select the 'No' option and enter the cycle agent domain details.
19. Make any necessary updates to the cycle.properties file of the cycle agent. There are five pages in total relating to this file.
20. Make any necessary updates to the cycle agent Coherence configuration and click **Next**.
21. Make any necessary updates to the cycle.properties file of the cycle client and click **Next**.

22. Make any necessary updates to the cycle client Coherence configuration and click **Next**.
23. Review the information on the Summary page.
24. Click **Install** to begin the installation.

Post-OIPA Installation Checks

Before following the steps below, log in to the WebLogic administration console using the location specified during installation. For example: http://localhost:3080/console). Use the WebLogic credentials specified during installation.

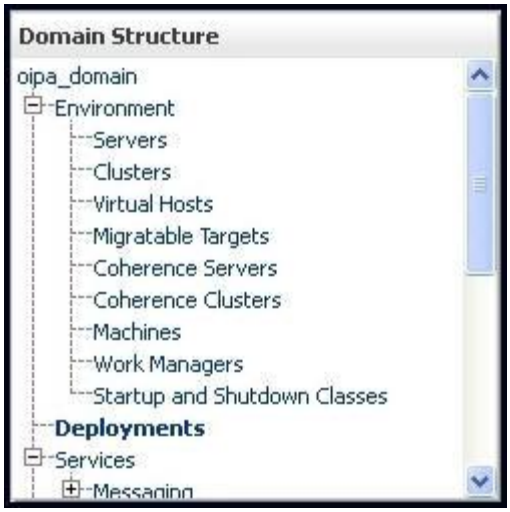
Check the Servers' Statuses

1. Click **oipa_domain** in the Domain Structure box on the left side of the screen.
2. Expand the **Environment** node and click **Servers**. The servers just installed should be listed as RUNNING.

The Servers node within the WebLogic Domain Structure

Check the Deployed Applications' Statuses

1. Click **oipa_domain** in the Domain Structure box on the left side of the screen.
2. Expand the **Environment** node and click **Deployments**. The applications just installed should have a state of Active.



Deployments node within the WebLogic Domain Structure

To check cycle, ensure that **run.sh** (located in the `/usr/oipa/OIPA_Home/CycleClient/bin/` folder) executes successfully from the cycle client.

Log in to OIPA and the Web Application Utility

1. For OIPA, go to `http://localhost:10000/PASJava/` in Internet Explorer.
2. For the Web Application Utility, go to `http://localhost:11000/PaletteConfig` in Internet Explorer.

Note:	In the above URLs, remember to substitute the server name and port number for those that were specified during installation.

UNINSTALL PROCESS

To uninstall the applications and/or the OIPA database, execute the runInstaller (see the Launch Utility section) and follow the steps below.

Uninstall OIPA, OIRP and Cycle

1. On the Welcome window, click on the **Deinstall Products** button. The Inventory window will open, showing a list of installed Oracle products.
2. Expand the **Oracle Insurance Policy Administration** node and select the product(s) to uninstall by checking the corresponding checkbox(es).
3. Click **Remove**.
4. The Confirmation window will open. Click **Yes** to uninstall the selected products.

Uninstall Database

1. On the Welcome window, click on the **Deinstall Products** button. The Inventory window will open, showing a list of installed Oracle products.
2. Expand the **Oracle Database 11g** node.
3. Select the **Oracle Insurance Policy Administration Database Installation** checkbox.

Important:	**Do not select the Oracle Database 11g checkbox—doing so will uninstall the entire Oracle Database.**

4. Click **Yes** to uninstall the OIPA database.