

Oracle® Application Server

Changed Data Capture Adapters Installation Guide

10g Release 3 (10.1.3.4.0)

E14326-01

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This chapter describes how to install and configure Oracle Application Server Changed Data Capture adapters for SOA and ODI. It includes the following topics:

- [Installing Oracle Changed Data Capture Adapters for SOA](#)
- [Installing Oracle Changed Data Capture Adapters for ODI](#)
- [Documentation Accessibility](#)

See Also: For information about installing the legacy adapters and the packaged adapters, refer to the *Oracle Application Server Adapter Installation Guide*.

Installing Oracle Changed Data Capture Adapters for SOA

You can install the Oracle Changed Data Capture Adapters Client by using the Oracle Enterprise Manager or by using the Windows command prompt.

This section includes the following topics:

- [Meeting Prerequisites](#)
- [Installing Oracle Changed Data Capture Adapters Client by Using the Oracle Enterprise Manager](#)
- [Installing Oracle Changed Data Capture Adapters Client by Using the Windows Command Prompt](#)
- [Deinstalling Oracle Application Server Adapters Clients](#)

Meeting Prerequisites

You must meet the following prerequisites before installing Oracle Changed Data Capture Adapters 10.1.3.4:

- [Installing Oracle Application Server 10.1.3.1](#)
- [Applying Oracle Application Server 10g Release 3 \(10.1.3\) Patch Set 4 \(10.1.3.4.0\)](#)
- [Downloading the Installable Files for Oracle Changed Data Capture Adapters 10.1.3.4](#)

Installing Oracle Application Server 10.1.3.1

You must first install Oracle Application Server 10.1.3.1. For more information about this, refer to the *Oracle Application Server Adapter Installation Guide*.

Applying Oracle Application Server 10g Release 3 (10.1.3) Patch Set 4 (10.1.3.4.0)

The next task in installing Oracle Application Server Changed Data Capture adapter is to apply Oracle Application Server 10g Release 3 (10.1.3) Patch Set 4 (10.1.3.4.0).

For more information about this, refer to the *Oracle Application Server Adapter Installation Guide*.

Downloading the Installable Files for Oracle Changed Data Capture Adapters 10.1.3.4

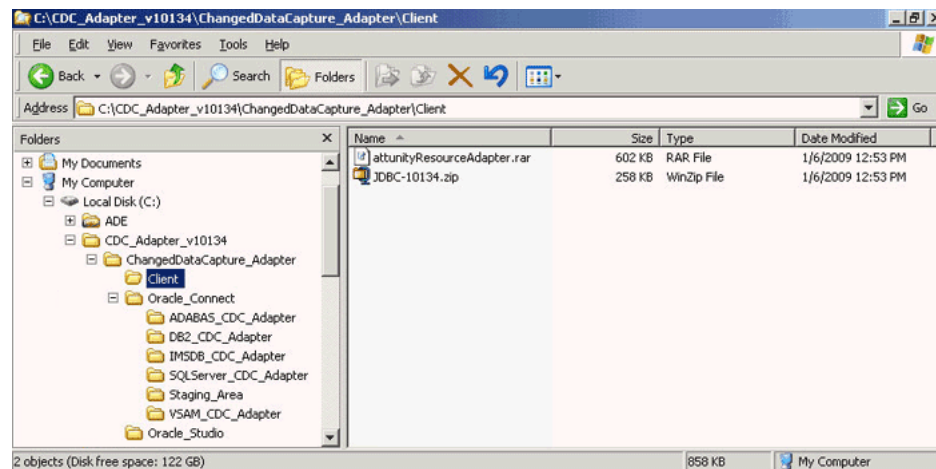
You must perform the following steps:

1. Download the installable files for Oracle Changed Data Capture Adapters 10.1.3.4 available on OTN. The file (CDC_Adapter_v10134.zip) is available on the Application Server 10g Release 3 (10.1.3.x) Downloads page in the following location:

<http://www.oracle.com/technology/software/products/ias/htdocs/101310.html>

2. Unzip the CDC_Adapter_v10134.zip folder. The folder structure would resemble the structure shown in [Figure 1](#).

Figure 1 The Folder Structure of the CDC_Adapter_v10134.zip File



The CDC_Adapter_v10134.zip file includes the following folders:

- Client

This chapter describes how to install Oracle Changed Data Capture Adapters Client.

- Oracle_Connect

Installing Oracle Connect is described in the following Oracle Application Server CDC Adapters guides:

- *Oracle Application Server CDC Adapters for VSAM User's Guide*
- *Oracle Application Server CDC Adapters for IMS/DB User's Guide*
- *Oracle Application Server CDC Adapters for SQL Server User's Guide*
- *Oracle Application Server CDC Adapters for DB2 User's Guide*

- *Oracle Application Server CDC Adapters for Adabas User's Guide*
-
-

Note: Note that the `brand.bin` file is missing in the `ChangedDataCapture_Adapter\Oracle_Connect\SQLServer_CDC_Adapter` folder. You must copy and rename a `brand.bin` file from another adapter directory.

Additionally, modify the following code in the `ocl10134-win32.bat` file to:

```
ocl10134-win32.exe -a -bBRAND="%currdir%\brand.bin" -bSERVER
```

- **Oracle_Studio**

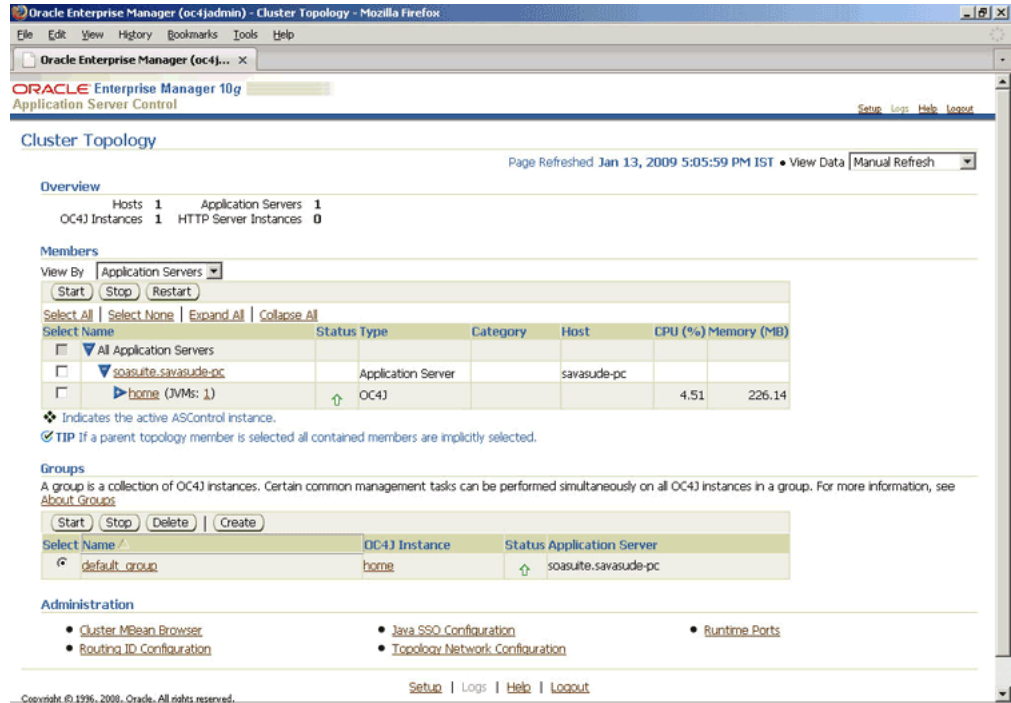
Installing Oracle Studio is described in the following Oracle Application Server CDC Adapters guides:

- *Oracle Application Server CDC Adapters for VSAM User's Guide*
- *Oracle Application Server CDC Adapters for IMS/DB User's Guide*
- *Oracle Application Server CDC Adapters for SQL Server User's Guide*
- *Oracle Application Server CDC Adapters for DB2 User's Guide*
- *Oracle Application Server CDC Adapters for Adabas User's Guide*

Installing Oracle Changed Data Capture Adapters Client by Using the Oracle Enterprise Manager

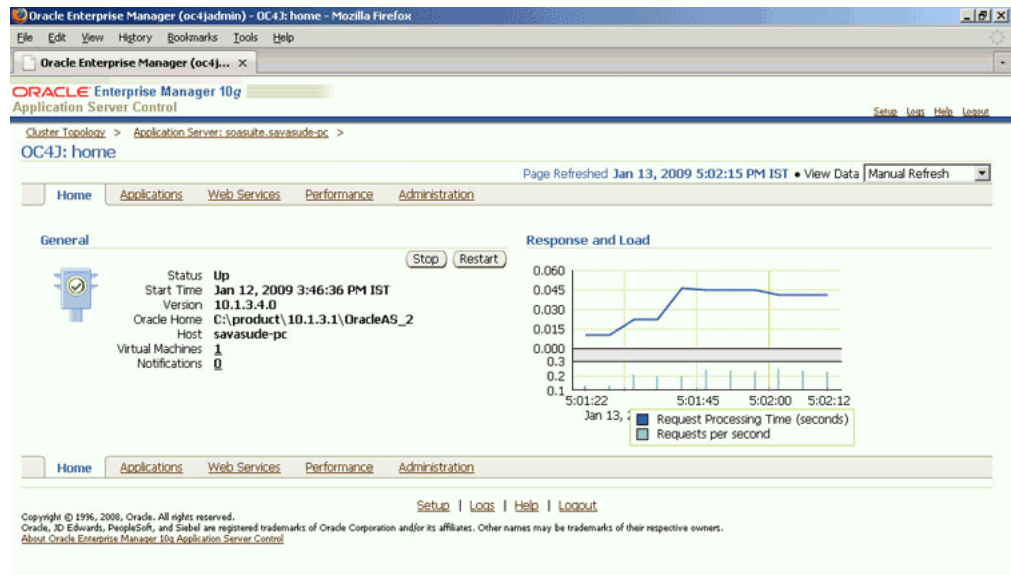
1. Download the installable files for Oracle Changed Data Capture Adapters 10.1.3.4 as mentioned in the preceding steps.
2. Navigate to <http://servername:portnumber/em>. The EM page appears, as shown in [Figure 2](#).

Figure 2 The Oracle Enterprise Manager Application Server Control Page



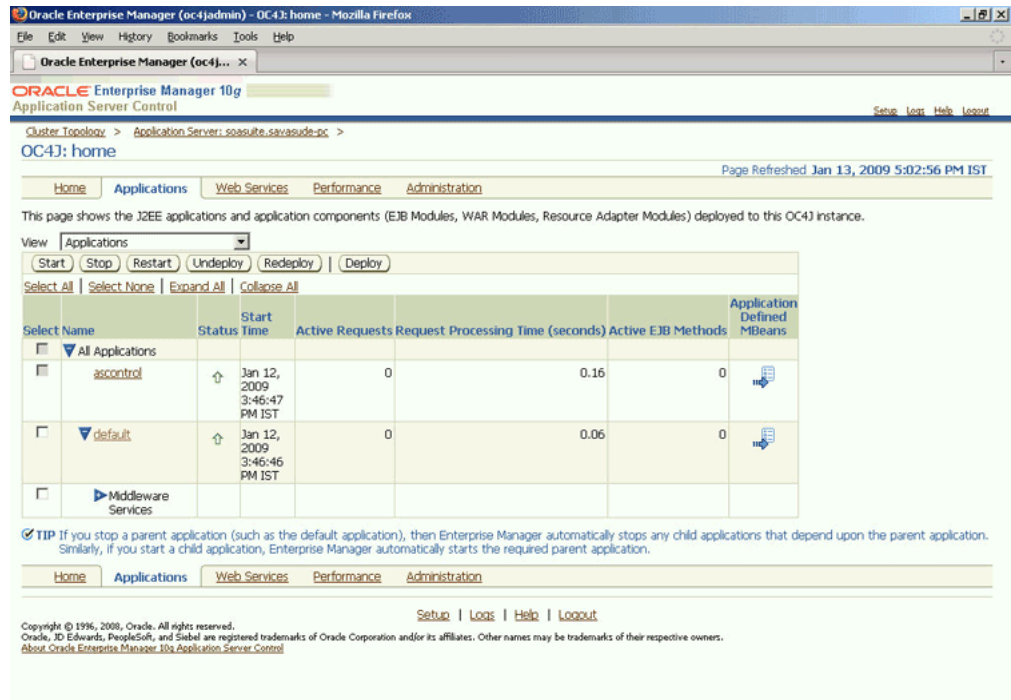
3. Click **Home** in the Members section in the Name column.
The OC4J: home page appears, as shown in Figure 3.

Figure 3 The OC4J: home Page



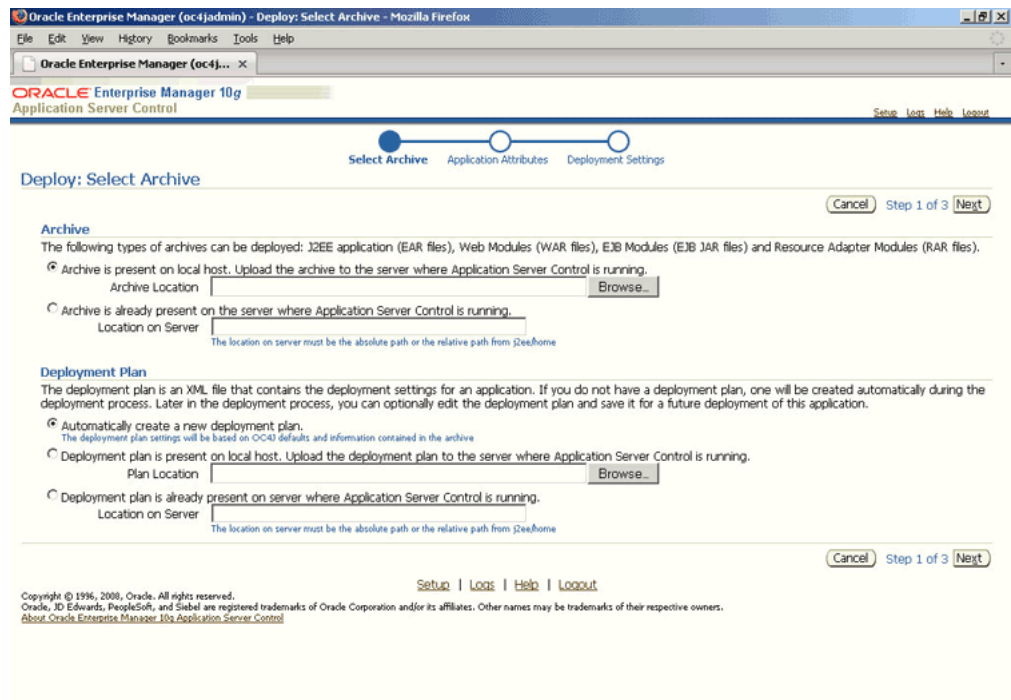
4. Click the **Applications** tab to open the Applications page. The OC4J: home Applications page appears, as shown in Figure 4.

Figure 4 The Applications Tab in the OC4J: home Page



5. Click **Deploy**. The Oracle Enterprise Manager Deploy: Select Archive page appears, as shown in Figure 5.

Figure 5 The Oracle Enterprise Manager Deploy: Select Archive Page



6. Select the first option under Archive, and then click **Browse**.

7. Upload the attunityResourceAdapter.rar file, and then click **Next**.

The Oracle Enterprise Manager Deploy: Application Attributes page appears, as shown in [Figure 6](#).

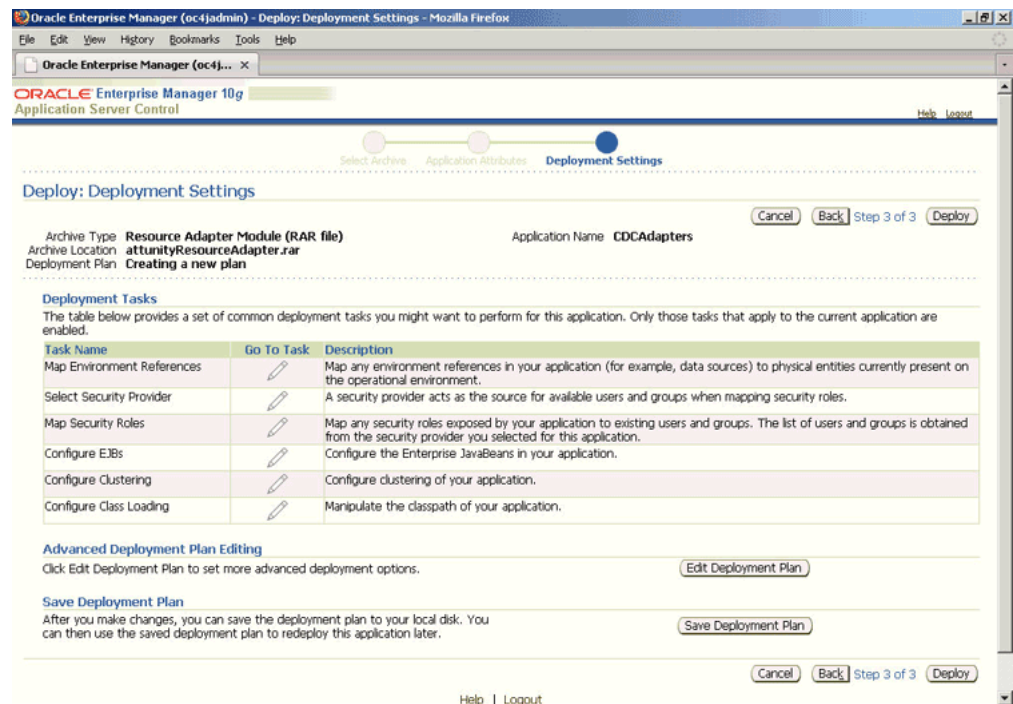
Figure 6 The Oracle Enterprise Manager Deploy: Application Attributes Page



8. Enter a name for the adapter in the **Resource Adapter Name** field, and then click **Next**.

The Oracle Enterprise Manager Deploy: Deployment Settings page appears, as shown in [Figure 7](#).

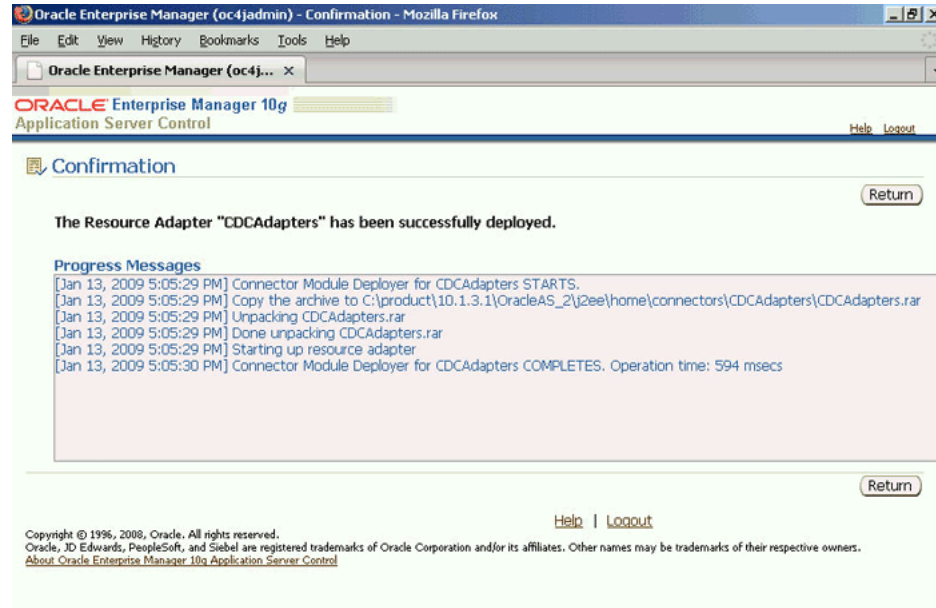
Figure 7 The Oracle Enterprise Manager Deploy: Deployment Settings Page



- Review the deployment settings, and then click **Deploy**.

The Oracle Enterprise Manager Confirmation page confirming that the adapters has been successfully deployed appears, as shown in [Figure 8](#).

Figure 8 The Oracle Enterprise Manager Confirmation Page



Installing Oracle Changed Data Capture Adapters Client by Using the Windows Command Prompt

At the Windows command prompt, use the following commands to install the Oracle Changed Capture Adapters:

```
<JAVA> -jar
<ORACLE_HOME>\j2ee\home\admin_client.jar
deployer:oc4j:opmn://<HOST>:<PORT>/<OC4J.CONTAINER.NAME>
oc4jadmin
<IASADMIN.PASSWORD>
-deploy
-file <ORACLE_HOME>\adapters\legacy\lib\attunityResourceAdapter.rar
-deploymentName jca-legacy-adapter
```

Where

<JAVA> is the JavaVM executable

<ORACLE_HOME> is the Oracle Home chosen by user

<HOST> is the Virtual Host Name of the SOA installation

<PORT> is the OPMN Request Port

<OC4J.CONTAINER.NAME> is the OC4J container chosen by the user

<IASADMIN.PASSWORD> is the ias admin password of the SOA installation.

Deinstalling Oracle Application Server Adapters Clients

To deinstall Oracle Application Server adapters:

1. Clean up any previous 10.1.3.1 Adapter installations by running the following commands:

On Unix:

```
cd $ORACLE_HOME/j2ee/home
```

```
$ORACLE_HOME/jdk/bin/java -jar admin_client.jar  
deployer:oc4j:opmn://localhost:6003/home oc4jadmin welcome1 -undeploy  
jca-legacy-adapter -isConnector
```

```
$ORACLE_HOME/jdk/bin/java -jar admin_client.jar  
deployer:oc4j:opmn://localhost:6003/home oc4jadmin welcome1 -undeploy  
jca-app-adapter -isConnector
```

```
$ORACLE_HOME/jdk/bin/java -jar admin_client.jar  
deployer:oc4j:opmn://localhost:6003/home oc4jadmin welcome1 -undeploy  
jca-app-adapter-test
```

```
$ORACLE_HOME/jdk/bin/java -jar admin_client.jar  
deployer:oc4j:opmn://localhost:6003/home oc4jadmin welcome1 -undeploy  
ws-app-adapter
```

On Windows:

```
cd %ORACLE_HOME%/j2ee/home
```

```
%ORACLE_HOME%/jdk/bin/java -jar admin_client.jar  
deployer:oc4j:opmn://localhost:6003/home oc4jadmin welcome1 -undeploy  
jca-legacy-adapter -isConnector
```

```
%ORACLE_HOME%/jdk/bin/java -jar admin_client.jar  
deployer:oc4j:opmn://localhost:6003/home oc4jadmin welcome1 -undeploy  
jca-app-adapter -isConnector
```

```
%ORACLE_HOME%/jdk/bin/java -jar admin_client.jar  
deployer:oc4j:opmn://localhost:6003/home oc4jadmin welcome1 -undeploy  
jca-app-adapter-test
```

```
%ORACLE_HOME%/jdk/bin/java -jar admin_client.jar  
deployer:oc4j:opmn://localhost:6003/home oc4jadmin welcome1 -undeploy  
ws-app-adapter
```

Note: Ensure that the ORACLE_HOME environment variable is set to the location of your SOA installation.

In each of the commands specified in the preceding examples, ensure that the hostname and OPMN request port number are specified correctly. This example uses localhost and 6004 respectively.

Ignore any error message you get indicating that a certain application/resource adapter is not present.

2. Start Oracle Universal Installer, which is installed on your host.

3. Click **Deinstall Products**.
4. Expand the Oracle home directory that contains the products that you want to deinstall.
5. Select the specific OracleAS Adapter that you want to deinstall.
6. Click **Remove**.
7. Click **Yes** when prompted. The selected products are deinstalled.
8. Click **Close**.

Note: The legacy J2CA resource adapter must be undeployed only if you choose to undeploy the entire set of legacy adapters.

Installing Oracle Changed Data Capture Adapters for ODI

This section includes the following topics:

- [Installation Tasks for Oracle Changed Data Capture Adapters](#)
- [Postinstallation Tasks for Oracle Changed Data Capture Adapters Client](#)

Installation Tasks for Oracle Changed Data Capture Adapters

To install Oracle Changed Data Capture adapters use the steps mentioned in the section, [Downloading the Installable Files for Oracle Changed Data Capture Adapters 10.1.3.4](#).

Postinstallation Tasks for Oracle Changed Data Capture Adapters Client

After the installing the Oracle Application Server Changed Data Capture adapters, you must perform the following Oracle Data Integrator (ODI) specific postinstallation tasks:

1. Navigate to the `CDC_Adapter_v10134/ChangedDataCapture_Adapter/Client` sub-directory of the Oracle CDC Adapter installation folder.
2. Unzip the `JDBC-10134.zip` file.
3. Stop all your Oracle Data Integrator instances.
4. Copy the following files in the `oracledi/drivers/` directory of your Oracle Data Integrator installation:
 - `Navutil.class`
 - `nvapispy2.jar`
 - `nvjdbc2.jar`
 - `nvlog2.jar`
5. Restart Oracle Data Integrator.

For additional information refer to the Oracle Changed Data Capture Adapters chapter of the *ODI Knowledge Modules Reference Guide*.

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