# **Oracle® Healthcare Data Model**

**Release Notes** 

11g Release 2 (11.2)

#### E18028-02

November 2010

This document contains important information that was not included in the documentation for this release of Oracle Healthcare Data Model.

This document may be updated after it is released. To check for updates to this document and to view other Oracle documentation, refer to the Documentation section on the Oracle Technology Network (OTN) Web site:

http://www.oracle.com/technology/documentation/index.html

This document contains the following topics:

- Section 1, "Installation"
- Section 2, "Deinstallation"
- Section 3, "First Time Run of Intra-ETL for Oracle Healthcare Data Model"
- Section 4, "Documentation Accessibility"

## **1** Installation

This section includes information on important Oracle Healthcare Data Model installation and configuration details.

#### 1.1 Obtain and Apply IP Patch

After you run Oracle Universal Installer to install Oracle Healthcare Data Model, you must obtain the IP Patch (p10203148\_112300\_generic.zip) and apply the patch to complete the Oracle Healthcare Data Model installation. The IP Patch includes a configuration script you run to complete the installation. The IP Patch also includes additional documentation. To obtain the IP Patch and for the latest information about Oracle Healthcare Data Model patch sets, go to My Oracle Support at https://support.oracle.com.

#### 1.2 IP Patch Configuration Script Order of Installation

When you run Oracle Universal Installer to install Oracle Healthcare Data Model you can select the install type **Healthcare Data Model** or **Sample Reports** and you can install either of these two types in either order.

When you run Oracle Universal Installer to install **Healthcare Data Model** component and then install **Sample Reports**, you need to run the configuration script again (or if you install **Sample Reports** and then **Healthcare Data Model**). After running Oracle Universal Installer to install **Sample Reports**, perform the following steps a second time:



- 1. Navigate to the \$ORACLE\_HOME/ohdm/bin directory.
- 2. Run the command invokepatch.sh:

```
* ./invokepatch.sh
```

Input the password for the DBA account "SYSTEM" when you see the prompt:

Enter SYSTEM password:

After your run the IP Patch configuration script the first time, when you rerun the script you will see certain errors that you can ignore, such as the following:

ORA-01543: tablespace 'TBS\_HDMF' already exists ORA-01543: tablespace 'TBS\_HDM\_ANL' already exists ORA-01543: tablespace 'TBS\_HDMF\_INDX' already exists ORA-01543: tablespace 'TBS\_HDM\_ANL\_INDX' already exists

The script reports these errors when tablespaces are already found to exist in the database. This occurs when you attempt to configure **Sample Reports** after performing **Healthcare Data Model** configuration or vice-versa. Such errors are expected and can be ignored.

# 2 Deinstallation

This section includes information on important Oracle Healthcare Data Model deinstallation details.

### 2.1 Deinstallation in an Oracle Real Application Clusters Environment

When deinstallation is performed in an Oracle Real Application Clusters (Oracle RAC) environment, the Oracle Healthcare Data Model component entries are not removed from the respective inventories of the remote node(s).

In an Oracle RAC environment the deinstallation may report a message similar to the following warning message:

```
Deinstall successful
WARNING: Error while copying directory
path/product/11.2.0/dbhome_1/inventory with exclude file list
```

This issue does not affect reinstallation, as Oracle Healthcare Data Model can be reinstalled with the existing inventory entries. However, the deinstallation is not complete in an Oracle RAC environment without the removal of the component entries from the Oracle Inventory on the remote nodes of a cluster.

For more information, see bug 10118968.

Workaround: You may manually remove the Oracle Healthcare Data Model component entries from the Oracle Inventory on the remote nodes of a cluster.

### 2.2 Deinstallation with Oracle Home Environment Variable Not Set

When you run the deinstallation script, if the environment variable Oracle Home is not set then Oracle Healthcare Data Model deinstallation may produce errors.

Workaround: To deinstall Oracle Healthcare Data Model you must perform the following initial step:

• Set the ORACLE\_HOME environment variable to the location of the Database where you want to deinstall Oracle Healthcare Data Model.

For example, suppose that Oracle Home is in the directory /loc/app/oracle/product/11.2.0/

In a Bourne, Bash, or Korn shell, use these commands to set ORACLE\_HOME:

```
$ ORACLE_HOME=/loc/app/oracle/product/11.2.0/
$ export ORACLE_HOME
```

In a C shell, use this command to set ORACLE\_HOME

% setenv ORACLE\_HOME /loc/app/oracle/product/11.2.0/

For more information, see bug 10100400.

## 3 First Time Run of Intra-ETL for Oracle Healthcare Data Model

The INTRA\_ETL\_FLW is a complete Intra-ETL process composed of subprocess flows to populate the dimensions, derived tables, and KPI fact tables along with two other subprocess flows for Oracle OLAP and Data Mining. This process flow respects the dependency of each individual program and executes the programs in the proper order.

The INTRA\_ETL\_FLW is the complete Intra ETL process designed using process flow of Oracle Warehouse Builder.

You can install Oracle Healthcare Data Model Intra-ETL as a project in Oracle Warehouse Builder as described in *Oracle Healthcare Data Model Installation Guide*. Once installed, you can execute the intra-ETL from Oracle Warehouse Builder.

**Note:** The explicit statistics collection needs to be done twice, once after the initial data is loaded and for a second time after Intra-ETL. If you do not perform the explicit statistics collection a second time after Intra-ETL, the queries and packages will not return.

For a first time run of the INTRA\_ETL\_FLW, perform the following steps:

- EXEC DBMS\_STATS.gather\_schema\_stats(ownname =>'OHDM\_SYS',estimate\_ percent=>30);
- **2.** DIM\_FLW This subprocess flow triggers the ETLs for populating dimension tables
- **3.** EXEC DBMS\_STATS.gather\_schema\_stats(ownname =>'OHDM\_SYS',estimate\_percent=>30);
- **4.** DRVD\_FLW This subprocess flow triggers the ETLs for populating derived fact tables based on the content of the 3NF HDM tables.
- 5. EXEC DBMS\_STATS.gather\_schema\_stats(ownname =>'OHDM\_SYS',estimate\_ percent=>30);
- **6.** KPI\_FLW This subprocess flow triggers the ETLs for populating the fact tables based on the content of the 3NF HDM tables, dimension table and derived fact tables.

- EXEC DBMS\_STATS.gather\_schema\_stats(ownname =>'OHDM\_SYS',estimate\_ percent=>30);
- **8.** OLAP\_FLW This subprocess flow triggers the execution of the OLAP package which loads data from data warehouse to Oracle Healthcare Data Model analytic workspace and prepares the analytic workspace for reporting. This flow reads ETL parameters from DWC\_ETL\_PARAM and DWC\_OLAP\_ETL\_PARAM tables which are documented in *Oracle Healthcare Data Model Reference*.
- 9. EXEC DBMS\_STATS.gather\_schema\_stats(ownname =>'OHDM\_SYS',estimate\_ percent=>30);
- 10. MINING\_FLW This subprocess flow triggers the data mining model.

For more information, see Oracle Healthcare Data Model Operations Guide.

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E18028-02

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