

Oracle® Healthcare Data Repository

Release Notes



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ORACLE®

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Preface

This preface contains the following sections:

- [Documentation Accessibility](#)
- [Diversity and Inclusion](#)

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>.

Access to Oracle Support

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Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

1

Oracle Healthcare Data Repository

This patch set contains new enhancements for Oracle Healthcare Data Repository RIM server. Apply this patch set to Oracle Healthcare Data Repository release 8.2/8.2.0.x to upgrade to Oracle Healthcare Data Repository release 8.2.0.4.

For details on installing Healthcare Data Repository release 8.2.0.4, see [Installation](#).

- [What's New](#)
Oracle Healthcare Data Repository 8.2.0.4 includes enhancements with the HDR ETS SNOMED loader and HDR IHE service.

What's New

Oracle Healthcare Data Repository 8.2.0.4 includes enhancements with the HDR ETS SNOMED loader and HDR IHE service.

Table 1-1 New items in 8.2.0.4

Bug Number	Description
Enhancement 37171708	<p>The HDR ETS SNOMED loader was unable to configure which concept's description becomes the default term. With the recent changes to SNOMED CT-AU terminologies, the HDR ETS SNOMED loader now defaults to using the Fully Specified Name (FSN) instead of the Preferred Term as the default term.</p> <p>Now, the HDR ETS SNOMED loader can be configured to specify which concept's description becomes the default term using the following property in the bc4j.properties file: SNOMED_DEFAULT_PREFERRED_TERM_DESC_TYPEID</p> <p>This property can be set to:</p> <p>900000000000013009 – Represents a Preferred Term (Synonym)</p> <p>90000000000003001 – Represents a Fully Specified Name (FSN)</p> <p>If this property does not exist, the ETS SNOMED loader will default to using the Fully Specified Name (FSN) as the default term.</p>

Table 1-1 (Cont.) New items in 8.2.0.4

Bug Number	Description
Enhancement 37267216	<p>The HDR IHE service was always enabled to send ATNA messages by default.</p> <p>Now, the HDR IHE service can be configured to disable sending ATNA messages to the configured UDP/TLS port. This can be controlled by adding the following JVM argument to the JAVA_OPTION in the startManagedWebLogic.sh file on the WebLogic managed server:</p> <p>Property: -DEnableLogAuditEvent=false</p> <p>If this property is set to true, the HDR IHE service will send ATNA messages to the configured UDP/TLS port. If it is set to false, the HDR IHE service will not send ATNA messages to the configured UDP/TLS port. If this property is not set, the HDR IHE service will send ATNA messages by default.</p>

2

Installation

To install the Healthcare Data Repository patch, you need to download and install it. You then need to perform some post-installation steps.

See the following topics for details.

- [Download the Patch](#)
Oracle distributes the patch set in a zip file.
- [Install the Patch](#)
To install the patch, you must first transfer and extract the contents of the patch set file on both database and middle tiers and then install it.
- [Install the Patch on the Database Tier](#)
After you transfer and extract the contents of the patch set file (p37171708_82040_Generic.zip), you can install the patch on the database tier. Also, you extract the contents of hdr8204_artifacts.zip file to a directory on the database tier.
- [Install the Patch on the Middle Tier](#)
After you transfer and extract the contents of the patch set file (p37171708_82040_Generic.zip), you can install the patch on the middle tier. Also, you extract the contents of hdr8204_artifacts.zip file to a directory on the middle tier.
- [Perform the Post-Installation Steps](#)
Perform the following steps after you install the patch on the database and middle tiers.

Download the Patch

Oracle distributes the patch set in a zip file.

To locate and download the patch set:

1. Log in to My Oracle Support at support.oracle.com/signin.
2. Click the **Patches & Updates** tab. The Patches and Updates page opens and shows the Patch Search region.
3. In the **Patch Name** or **Number** field, enter the primary bug number fixed in this patch (**37171708**).
4. Select **Search** to open the Patch Search page to the patch you entered.
5. Select the patch number. You can review details about the patch. You can also review the Readme file before downloading the patch.
6. Select **Download** to open the File Download dialog box.
7. Browse to a temporary directory where you want to download the file. Select **Continue**.
8. Select **Save**.
9. Transfer the patch .zip file to the necessary servers.

Install the Patch

To install the patch, you must first transfer and extract the contents of the patch set file on both database and middle tiers and then install it.

Extract the contents of the patch set file (p37171708_82040_Generic.zip) to a temporary directory <hdr8204_patch_dir>. This extracts the following files:

- **hdr8204_artifacts.zip**- Contains the following artifacts for the installation of Healthcare Data Repository 8.2.0.4:
 - Installation artifacts of Healthcare Data Repository Reference Information Model (RIM) server for the database and middle tier.
- **ReadMe_HDR_8_2_0_4.htm** - Contains the location of the most current user documentation and another copy of these Release Notes.

You can then install the patch on the database and middle tier as described in the following topics.

Install the Patch on the Database Tier

After you transfer and extract the contents of the patch set file (p37171708_82040_Generic.zip), you can install the patch on the database tier. Also, you extract the contents of hdr8204_artifacts.zip file to a directory on the database tier.

Ensure that you do the following before you install the patch on the database tier:

- Have read and write permissions to the directories, subdirectories, and their files where you extracted the hdr8204_artifacts.zip file on database tier.
- ORACLE_HOME environment variable is configured on the database tier.
- ORACLE_HOME/bin directory is configured in the PATH on the database tier.

To install the patch on the database tier:

1. Before you apply the patch, take a backup of the HCT schema.
2. Navigate to a database directory from the directory where **hdr8204_artifacts.zip** is extracted.
3. Run `chmod 700 run_dt_patch.sh`.
4. From the patch database directory run also `chmod 700 hct/hct.sh`.
5. Run `./run_dt_patch.sh`.

The `run_dt_patch.sh` script prompts you to enter HDR DB Host Name, HDR DB Port number, HDR DB service name and HCT User DB password, provide valid values and hit enter.

6. Once the patch script (`run_dt_patch.sh`) completes successfully on the database tier, run the `./update_dt_patch_release_info.sh` script to update the HDR 8.2.0.4 patch release information in the HDR_RELEASE_INFO table for the database tier.
7. Run `chmod 700 update_dt_patch_release_info.sh` and `ctb/ctb.sh`.
8. Run `./update_dt_patch_release_info.sh`.

The `update_dt_patch_release_info.sh` script prompts you to enter HDR DB Host Name, HDR DB Port number, HDR DB service name, and CTB User DB password. Provide valid values and select enter.

Install the Patch on the Middle Tier

After you transfer and extract the contents of the patch set file (p37171708_82040_Generic.zip), you can install the patch on the middle tier. Also, you extract the contents of hdr8204_artifacts.zip file to a directory on the middle tier.

Ensure that you do the following before you install the patch on the middle tier:

- Have read and write permissions to the directories, subdirectories, and their files where you extracted the hdr8204_artifacts.zip file on middle tier.
- WebLogic Admin and HDR Managed servers are up and running.
- HDR_HOME and JAVA_HOME environment variables are properly configured on the middle tier.

To install the patch on the middle tier:

1. Before you apply the patch, take a backup of the hdr_exploded_app directory.
2. Navigate to a weblogic directory from the directory where **hdr8204_artifacts.zip** is extracted.
3. Run `chmod 700 run_mt_patch.sh`.
4. Run `./run_mt_patch.sh`. When prompted enter the full path to the `hdr_exploded_app` directory. Example : `$HDR_HOME/hdr_exploded_app` . Ensure that you have read and write permissions for the `hdr_exploded_app` directory, including its subdirectories and files.
5. Once the patch script (`run_mt_patch.sh`) completes successfully on the middle tier, run the `./update_mt_patch_release_info.sh` script to update the HDR 8.2.0.4 patch release information in the HDR_RELEASE_INFO table for the middle tier.
6. Run `chmod 700 update_mt_patch_release_info.sh`.
7. Run `./update_mt_patch_release_info.sh`.
8. The script prompts you to enter the following values:
 - Full path to the `hdr_exploded_app` directory. (`$HDR_HOME/hdr_exploded_app`).
 - Full path to the HDR domain directory (Directory where HDR domain is created on WebLogic machine).
 - HDR WebLogic managed server host name.
 - HDR WebLogic managed server port number.
 - HDR WebLogic admin server username.
 - HDR WebLogic admin server user password.

You can now perform the post-installation steps.



Note:

HDR_HOME directory is the main installation directory where HDR 8.2 artifacts are stored.

Perform the Post-Installation Steps

Perform the following steps after you install the patch on the database and middle tiers.

After you install the patch on the database and middle tiers, you need to:

1. Copy the `<hdr8204_patch_dir>/common/hdr.jar` file to `<HDR_HOME>/database/hdr_cp_lib` directory on database tier.
2. Copy the `<hdr8204_patch_dir>/common/hdrclnt.jar` file to `<HDR_HOME>/weblogic/jars` directory on middle tier. Use `hdrclnt.jar` file in your client application.
3. Edit the `<HDR_HOME>/database/hdr_cp_lib/bc4j.properties` file exists on database tier and `<HDR_HOME>/weblogic/scripts/bc4j.properties` file exists on middle tier to add the following property.

SNOMED_DEFAULT_PREFERRED_TERM_DESC_TYPEID=9000000000000013009

This property can be set to:

9000000000000013009 – Represents a Preferred Term (Synonym)

900000000000003001 – Represents a Fully Specified Name (FSN)

If this property does not exist, the ETS SNOMED loader will default to using the Fully Specified Name (FSN) as the default term.

4. Update the HDR RIM application from WebLogic server admin console.
5. Stop WebLogic HDR managed server and Admin server.
6. Add the following JVM argument to the existing `JAVA_OPTION` in the `startManagedWebLogic.sh` file on the WebLogic managed server:

`-DEnableLogAuditEvent=false`

Example : `JAVA_OPTIONS="-DEnableLogAuditEvent=false -Djava.util.logging.config.file=logging.properties -Djava.security.auth.login.config=${DOMAIN_HOME}/config/weblogic.security -Dtangosol.coherence.mode=prod ${JAVA_OPTIONS}"`

7. Start the WebLogic Admin server and the HDR Managed server.

3

Product Documentation

Oracle Healthcare Data Repository comes with a full documentation set for 8.2 or later.

You can find the product documentation in the following locations:

- Oracle Help Center: [Oracle Healthcare Data Repository 8.2 product page](#). Oracle may not update all documents for every release. Therefore, you may see a release with guides that include different versions. For example, Release Notes can show the latest patch version number and the User Guide shows the full release number.