

Oracle's Hyperion® Data Integration Management Adapter for Essbase® Release 9.3.1.1 Readme

Readme File

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Purpose

This document includes important, late-breaking information about this release of Oracle's Hyperion® Data Integration Management Adapter for Essbase®. Review this information thoroughly before installing Data Integration Management Adapter for Essbase.

System Requirements

The following tables list system requirements for this release of Data Integration Management Adapter for Essbase. For more information about system requirements, see these documents:

- *Hyperion Data Integration Management Release 9.3.1.1 Readme*
- *Hyperion Installation Start Here*

- The *Hyperion Essbase – System 9 Installation Guide*
- The *Informatica PowerCenter 8.1.1 Installation and Configuration Guide*
- The *Informatica PowerCenter 8.1.1 SP3 Service Pack Installation Guide*

Hardware

Component	Minimum	Recommended
Processor	Pentium II 266MHz	Pentium III 500MHz
Memory	128MB	512MB
Disk Space	200MB	500MB
Screen Resolution	800x600	1024x768

Software

Component	Requirement
Operating System (32-bit) Note: Multiple non-English locales are supported on all supported platforms.	<ul style="list-style-type: none"> • Windows (x86, 32-bit) <ul style="list-style-type: none"> ○ Windows XP Pro (Client) ○ Windows Server 2000 (SP4) ○ Windows Server 2003 (SP1) • UNIX (32-bit) <ul style="list-style-type: none"> ○ AIX 5.2 ML7 and 5.3 ML3 (PowerPC) ○ Linux (Red Hat 4.0 AS) ○ HP-UX 11.11 (RISC) ○ Solaris 9 and 10 (SPARC)
Data Integration Management	Release 9.3.1.1
Informatica PowerCenter	Release 8.1.1 SP3

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Installation Instructions

Compatible Software

This release of Data Integration Management Adapter for Essbase is compatible with the following software releases:

- Data Integration Management Release 9.3.1.1
- Essbase Release 7.1.x and later
- Informatica PowerCenter 8.1.1 SP3

Prerequisite on UNIX Platforms

Successful installation on a UNIX platform requires write access to the `.log` or `.profile` file, as specified in the following table:

	Bourne & Korn	CShell & TCSHELL	Bash Shell
HP UX	\$HOME/.profile	\$HOME/.login	NA
AIX, Solaris, Linux	\$HOME/.profile	\$HOME/.login	\$HOME/.profile or \$HOME/.bash_profile or \$HOME/.bash_login

Codepage Settings on Localized Operating Systems

The locale set on the computer that is running Informatica PowerCenter and hosting the adapter must have a codepage setting that is compatible with the Essbase server. Otherwise, adapter cannot process data.

The following table shows settings for ESSLANG and required environmental variables on different localized operating systems in a Japanese locale. For each OS in the table, the Codepage setting for Server Configuration in Workflow Manager is MS Windows Japanese, Superset of Shift JIS.

Operating System	ESSLANG on Essbase Server	ESSLANG on PowerCenter server computer hosting PowerCenter Clients	Other Environment Variable
Windows	Japanese_Japan.MS932@ Binary	Japanese_Japan.MS932@Binary	NA
Solaris	Japanese_Japan.MS932@ Binary	Japanese_Japan.MS932@Binary	LANG= ja_JP.PCK LC_ALL= ja_JP.PCK
AIX	Japanese_Japan.MS932@ Binary	Japanese_Japan.MS932@Binary	LANG= Ja_JP LC_ALL= Ja_JP
HP-UX	Japanese_Japan.MS932@ Binary	Japanese_Japan.MS932@Binary	LANG= japanese LC_ALL= japanese

Note: This release of Data Integration Management Adapter for Essbase does not support Japanese locales on Linux platforms.

Installing the Adapter

Note: You must be a Data Integration Management or Informatica PowerCenter user with administrative privileges to install Data Integration Management Adapter for Essbase.

The installer provides these options:

- Typical—Install all adapter components
- Custom—Select which components to install:
 - Client Plug-in
 - Server Plug-in

Note: When you install the client and server components on one computer, you must install both components in the same location.

➤ To install Data Integration Management Adapter for Essbase:

1. Unless you have an installation DVD, download one of these files from Oracle E-Delivery and extract the file into a temporary folder:
 - Windows—`dimaas_93110_infa811_windows_x86.zip`
 - Solaris— `dimaas_93110_infa811_solaris_32.zip`
 - AIX—`dimaas_93110_infa811_aix_powerpc_32.zip`
 - HP-UX— `dimaas_93110_infa811_hpux_pa_risc.zip`
 - Linux—`dimaas_93110_infa811_linux_x86.zip`
2. From the installation DVD or the folder where you extracted the file that you downloaded in step 1, start the installer for your operating system:
 - Windows—`setupWin32.exe`.
 - Solaris—`setupSolaris.bin`
 - AIX—`setupAIX.bin`
 - HP-UX—`setupHP11.bin`
 - Linux—`setupLinux.bin`
3. Click **Next** on the welcome screen.
4. Select a country, and click **Next**.
5. On the license agreement screen, select **I AGREE** and click **Next**.
6. Specify a Hyperion Home folder, and click **Next**.

7. Specify an installation folder for the adapter, and click **Next**.
8. Follow the prompts, noting the configuration information.
9. On a Windows platform, if your installation includes the Server Plug-in component, restart your computer.

Installing the Adapter in Silent Mode

When you install the adapter in silent mode, the installer retrieves the installation properties that are saved in a response file instead of displaying screens where you enter these properties. Silent mode is often used for performing installations remotely.

➤ To install an adapter in silent mode

1. Create a response file if you do not have one:
 - a. Run the adapter installer from the command line as follows:

```
InstallerFile -options-template ResponseFileName
```

where *InstallerFile* is a platform-specific installation program (such as *setupwin32.exe* for a Windows platform or *setupSolaris.bin* for a Solaris platform).

- b. Edit the response file manually, if necessary.

2. Run this command:

```
InstallerFile -silent -options ResponseFileName
```

where *InstallerFile* is a platform-specific installation program (such as *setupwin32.exe* for a Windows platform or *setupSolaris.bin* for a Solaris platform).

Installing the Adapter in Console Mode

When you run the installer for an adapter in console mode, you select input from a series of menus that are displayed.

➤ To install an adapter in console mode, run this command:

```
InstallerFile -console
```

where *InstallerFile* is a platform-specific installation program (such as *setupwin32.exe* for a Windows platform or *setupSolaris.bin* for a Solaris platform).

Configuring the Adapter

After installing the adapter, you must configure it on the computers hosting the PowerCenter Client and Server components of Data Integration Management.

Configuration tasks:

- Registering the repository plug-in for the adapter
- Creating and configuring connection properties

Registering the Repository Plug-in

Note: This registration is not required for the Client Plug-in.

If you install the Server plug-in component, you must register the Repository Plug-in.

Note: This registration is not required for the Client Plug-in.

➤ To register the Repository Plug-in:

1. Access the PowerCenter Administration Console:

- a. Select **Start > Programs > Informatica PowerCenter 8.1.1.**
- b. Select **Services -> Launch Admin Console.**

Note: The default user name for accessing the console is `admin`, and the default password is `password`. The user name and password are case-sensitive.

2. In the **Administration Console**:

- a. In the left pane, double click the repository service for which you want to register the plug-in.
- b. Click the **Properties** tab in the right pane.
- c. In the **General Properties** section:
 1. Click the **Edit** button
 2. Change the **OperatingMode** setting to **Exclusive**.
 3. Click **OK**.
 4. Click **OK** to restart the repository.
- d. Click the **Plug-ins** tab.
- e. Under **Register plug-ins and security modules** in the right pane, click **Register Repository Service plug-in**.
- f. Under **Register plug-in for Repository Service**, select **HAS.xml1**, which is in the `HASConnector\bin` folder.
- g. Click **OK**.

3. On the **Properties** tab:
 - a. Click the **Edit** button
 - b. Change the **OperatingMode** setting to **Normal**.

Configuring Application Connections

You must configure an application connection in the Workflow Manager for PowerCenter Server before you can load metadata or data into the targets. When configuring application connections, specify attributes that PowerCenter Server uses to connect to a database during a PowerCenter session. The application connections that you define in the Workflow Manager are saved in the PowerCenter repository.

➤ To configure an application connection:

1. In the **Workflow Manager**, connect to a PowerCenter repository.
2. Click **Connections > Application**.
3. Select the connection for **Hyperion Essbase**, and click **OK**.
4. Enter this information in **Connection Object Definition**, and click **OK**:

- Application—The Essbase application name

If no application name is specified, then the Essbase application name used in PowerCenter Designer to define the source and target is used.

- Database—Database name under the Essbase application

If no database name is specified, then the database name specified for the Essbase application in PowerCenter Designer is used.

- Name—A name for the connection

- User Name—Your user name for the Essbase server

- Password—Your password for the Essbase server

- ServerHost (in the Attributes box)—The name of the Essbase server host computer

Application Connection Browser lists the new application connection.

Tip: You can edit or delete an application connection by selecting it in the list in Application Connection Browser and clicking Edit or Delete.

See "Managing Connection Objects" in the *Informatica PowerCenter 8.1.1. Workflow Administration Guide* for more information

Uninstalling the Adapter

> To uninstall Data Integration Management Adapter for Essbase:

1. Unregister the Essbase Repository Plug-in the use one of these procedures:

For instructions, see "Registering and Unregistering Repository Plug-ins" in the *Informatica PowerCenter 8.1.1 Administration Guide*.

2. Complete one of these procedures:

- **Windows**

1. Select **Add/Remove Programs** from the Windows Control Panel.
2. Select the adapter. and click **Change / Remove**.

- **UNIX**

Run the `uninstaller.bin` file, which is in the `HASConnector/uninstall` folder.

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Known Issues

- Alias members for ASO outlines are not extracted. When the source table type 1 / 2 is created on the ASO outline by mapping a dimension with an alias, the session for data extraction fails, logging "Active[Default] alias table is empty."
- If you export a mapping to XML using a release of DIM Adapter for Essbase earlier than Release 9.3.1 and then try to import it back using Release 9.3.1, the import fails because of changes in the DATABASETYPE and DOMAINNAME values. You can rectify these errors by making the following changes in the exported XML file:
 - Change the value of the DATABASETYPE attribute in the Source / Target element from `HyperionAnalyticServices` to `HyperionEssbase`.
 - Change the value of the DOMAINNAME attribute in the METADATAEXTENSION element from `Hyperion Analytic Service Domain` to `Hyperion Essbase Domain` (including the spaces).
- The size shown for adapter in the Windows Add/Remove program list is incorrect.
- Statistics in Session logs shows incorrect numbers when the transformation fails.

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Tips and Troubleshooting

- If the Designer wizard does not create the DSN and displays the error message "Essbase initialization Failed," ensure that the ARBORPATH and PATH environment variables are set correctly.

- If you encounter an error message on a UNIX platform saying that the Essbase Reader/Writer library could not be loaded, check the library path settings. If the problem persists after the library path is corrected, restart PowerCenter Server.
- On a UNIX platform, ensure that you have an execute permission for all library files installed in the *HASConnector/bin* folder.
- For type 3 dimension hierarchy building, you must first create the dimension through the Administration Console in either Data Integration Management or Essbase.

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Accessing Hyperion Product Documentation

The most recent version of each Hyperion product guide is available for download from the Documentation area of the Oracle Technical Network (OTN) Web site (<http://www.oracle.com/technology/index.html>).

Documentation is also available from the Oracle E-Delivery Web site (http://edelivery.oracle.com/EPD/WelcomePage/get_form). Please note that individual product guides are available for download on the Oracle Technical Network (OTN) Web site only.

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