

Hyperion®
Data Integration Management
Release 9.3.1
Readme

Readme File

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Purpose

This document includes important, late-breaking information about this release of Hyperion® Data Integration Management. Review this information thoroughly before installing Data Integration Management.

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Introduction to Data Integration Management

Data Integration Management is integrated with Informatica PowerCenter 7.1.5 to provide a way of uniting disparate sources of data across an enterprise. For example, it can integrate data stored in multiple warehouses and data marts, relational database management systems (RDBMS), and on-line analytical processing (OLAP) stores.

Data Integration Management includes these components:

- PowerCenter applications:
 - PowerCenter Client (Windows only)
 - PowerCenter Server
 - PowerCenter Repository Server
- Web Hub

Data Integration Management uses the Hyperion common installer and Hyperion Configuration Utility, which standardize the installation process and provides for seamless configuration of multiple products at one time.

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Data Integration Management Adapters

When you have installed and configured Data Integration Management, you can install and configure adapters that enable you to retrieve and write data for these Hyperion products:

- Hyperion Enterprise®
- Hyperion® Essbase® - System 9
- Hyperion® Financial Management - System 9
- Hyperion® Planning® - System 9
- Hyperion® Translation Manager

For adapter installation instructions, see the *Hyperion Data Integration Management Installation Guide*. Adapter installation instructions are also available in the individual product installation guides; for example, the *Hyperion Financial Management Installation Guide* contains instructions for installing the adapter for Financial Management.

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Installation Updates

Upgrading

If you upgrade any Hyperion product to release 9.3.1, you must also upgrade Hyperion Shared Services to release 9.3.1.

Supported Upgrade Paths

If you are upgrading from a previous release of Hyperion products, note the following supported upgrade paths:

- 9.2.0.3 to 9.3.1

Note: Upgrading from 9.2 releases prior to 9.2.0.3 will be supported in an upcoming service pack.

- 9.3.0.x to 9.3.1

If you are using a release prior to 9.2.0.3, you must first upgrade to one of the versions noted above, and then upgrade to 9.3.1. See the product installation guides for the products you are using for upgrade procedures.

Hyperion License Compliance

Hyperion no longer ships or requires Hyperion® License Server™ (or standalone license files) for use with Hyperion products.

To ensure compliance with your license agreement, Hyperion recommends that you implement an auditing process. In addition, during product configuration with Hyperion Configuration Utility, you activate only the features you purchased. After you configure each product, you must open the `registry.properties` file—in `<Hyperion_Home>\common\config` on the server on which you ran Hyperion Configuration Utility—to review and edit the product options. You must complete this step to ensure you comply with your license agreement and to activate features you are licensed to use. For more information, see “Hyperion License Compliance” in *Hyperion Installation Start Here*.

Supported Operating Systems

This release of Data Integration Management supports the following operating systems:

- **Windows**
 - XP
 - 2000 / 2003 Server
- **UNIX**
 - Solaris 9 and 10
 - AIX 5.2 ML7 and 5.3 ML3
 - Linux (Red Hat 4.0 AS)
 - HP-UX 11.11

Installation Prerequisites

In addition to ensuring that you have a supported operating system, you must meet these requirements before you can install Data Integration Management:

- If you have already installed Data Integration Management, uninstall it before you begin a new installation.
- You must have administrative privileges on the target computer to install Data Integration Management.

The following table shows the minimum system requirements for running Informatica PowerCenter 7.1.5:

	PowerCenter Client	Repository Server	PowerCenter Repository Database	PowerCenter Server
Operating system	Windows (2000, 2003, XP)	<ul style="list-style-type: none"> Windows (2000, 2003) UNIX (AIX, HP-UX, Linux, Solaris) 	<ul style="list-style-type: none"> Windows (2000, 2003) UNIX (AIX, HP-UX, Linux, Solaris) 	<ul style="list-style-type: none"> Windows (2000, 2003) UNIX (AIX, HP-UX, Linux, Solaris)
Disk space	200 MB	80 MB	150 MB of database space*	70 MB
RAM	256 MB	256 MB	128 MB	256 MB
Database connectivity	ODBC drivers	Native drivers	Native drivers	Native or ODBC drivers

* Although you can create a repository with a minimum of 100 MB of database space, Informatica recommends allocating up to 150 MB for repositories.

Note: Informatica recommends a screen resolution of at least 1024 x 768 for computers running PowerCenter Client.

JVM Configuration for HP-UX Platforms

Data Integration Management installs JVM 1.5.0, which is the default JRE used by all Hyperion products. However, Informatica PowerCenter version 7.1.5 (which Data Integration Management bundles) is not certified on JRE 1.5 version on the HP-UX platform. Testing disclosed that using JRE 1.5.0 on HP-UX causes issues with loading libraries and causes HP-UX shell commands to fail. This affects registration of the Data Integration Management adapters, Informatica PowerConnect plug-ins, and any other plug-ins from the Repository Server Administration Console. To work around this issue, after installation you must modify the following files in the Data Integration Management installation folder to point to JRE 1.4.2:

- `start_pmrepserver.sh`
- `set_env.sh`
- `dim.properties`

Note: After modifying the files and configuring Data Integration Management, you must restart `PmRepServer` and `PmServer`.

➤ To modify `start_pmrepserver.sh`:

1. Open the Data Integration Management installation directory and go to the `Resources/bin` subdirectory.

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2. At the beginning of the `start_pmrepserver.sh` file, locate a line resembling this one:

```
JRE_PATH="/home/tst/test/hyperion/common/JRE/HP/1.5.0"
```

3. Change the value of the `JRE_PATH` variable to point to the directory where JRE 1.4.2 is installed.
4. Save the changes.

➤ To modify `set_env.sh`:

1. Open Data Integration Management installation directory and go to the `Resources/scripts` subdirectory.
2. At the beginning of the `set_env.sh` file, locate a line similar to this one:

```
JRE_PATH="/home/tst/test/hyperion/common/JRE/HP/1.5.0"
```

3. Change the value of the `JRE_PATH` variable to point to the directory where JRE 1.4.2 is installed
4. Save the changes.

➤ To modify `dim.properties`:

1. Open Data Integration Management installation directory and go to the `Resources/config` directory
2. Change the value of the `JAVA_BIN_LOCATION` parameter to point to the `bin` subdirectory of the JRE 1.4.2 installation directory.
3. Save the changes.

Directory Organization

The Data Integration Management installation directory contains subdirectories of program files for Data Integration Management components and documentation, including online help.

Directory / Files	Description
HYPERION_HOME	Hyperion Home directory
common	Shared by all Hyperion applications
config product\dim\9.3.1.0.0 dim_1.properties dim_1.xml	Configuration and properties that were collected during execution on the DIM configuration tasks
logs configtool.log	Configurator log file
CSS\lib	Shared Services library
JRE\Sun [IBM, HP]\1.5.0	Java Virtual Machine v1.5.0

Directory / Files	Description
DIM_HOME (Default: HYPERION_HOME\DataIntegrationMgmt\9.3.1)	Data Integration Management Home directory
Client	Informatica PowerCenter Client tools and documentation
logs	Installation and configuration log files
ODBC42	DataDirect ODBC drivers
RepositoryServer	Informatica Repository Server
bin	
pmrep.exe pm_s_en.cat pm_s_ja.cat	Informatica EBF #CR102803
security dim_auth.classpath dim_auth.dll dim_auth.jar dim_auth.xml	Shared Services integration plug-in
Resources	Data Integration Management application resources
bin	Informatica license evaluation utility and scripts for starting/stopping Repository Server and Server
config dim.properties	Various configuration files
images	Artwork for the installer and configurator
jars dim_common.jar dim_config.jar	Application JAR files
jvm	JVM configuration
registry	Windows registry update scripts
repository	BPMA interface tables
scripts	Set of batch files for the configurator
uninstall	Uninstaller response file
Server	Informatica PowerCenter Server

Directory / Files	Description
Uninstall	Uninstaller files
dim_synch.bat (.sh for UNIX)	Generated batch for the latest user synchronization operation.

Environment Settings

During installation the following environment variables are created or modified:

- JVM is included in PATH (Win32) or library path (UNIX).
- The DIM_HOME variable points to the DIM installation location (Win32 only).

Connectivity to one of the supported database types must be installed and PATH/library path has reference to the connectivity libraries directory.

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Known Issues

- Log files for the installer, Hyperion Configuration Utility, and uninstaller are created in the different directories:
 - Installer:
 - DIM_HOME/logs/installLog.txt (created by ISMP)
 - DIM_HOME /logs/dim.log (created by Data Integration Management)
 - DIM_HOME/logs/*. * (created by ISMP and Data Integration Management.
 - Hyperion Configuration Utility:
 - HYPERION_HOME/common/config/logs/configtool.log (created by Hyperion Configuration Utility)
 - DIM_HOME/logs/*.log (created by Data Integration Management)
 - Uninstaller:
 - DIM_HOME/Uninstall/logs/dim.log (created by Data Integration Management)
 - DIM_HOME/Uninstall/uninstallLog.txt (created by ISMP)

Future releases will generate fewer log files, and they will all be in the same directory.

- Data Integration Management items may remain on the Start menu even after successful uninstallation. You can remove the items manually.

- Uninstaller does not uninstall component directories properly in silent mode on UNIX platforms. To work around this issue, stop PowerCenter Repository Server and PowerCenter Server manually before uninstalling Data Integration Management. Use the scripts in the `DIM_HOME/Resources/bin` folder to stop the servers.
- When installing and configuring on UNIX computers with non-English locale settings the following error maybe encountered: "FATAL ERROR during initialization: Invalid language specified Application terminated". To work around this issue, change the `LC_ALL` variable to `en_US` before launching the Installation or Hyperion Configuration Utility on a UNIX computer. When configuration is complete, restore the original locale value.
- Hyperion Configuration Utility user synchronization task fails for a user name containing a double quotation mark ("). A user who is provisioned for Data Integration Management through Shared Services and whose user name contains a double quotation mark cannot be registered for Data Integration Management by the synchronization process. The double quotation mark is a special symbol for this process. If you attempt to synchronize a user name that contains a double quotation mark, Hyperion Configuration Utility displays a message that resembles the following text, and synchronization fails without recording errors in the `configtool.log` file:

The option -l is required.

*Registration of user **User"name***

-u <repository user name>

-l <external login>

[-d <description>]

[-g <group name>]

[-i <contact info>]}

*Registration of user **User"name** cannot be executed.*

The option -g is required.

*Adding **User"name** to DIM Administrator*

-u <repository user name>

-g <group name>

*Adding **User"name** to DIM Administrator cannot be executed.*

The option -g is required.

*Adding **User"name** to DIM Designer*

-u <repository user name>

-g <group name>

*Adding **User"name** to DIM Designer cannot be executed.*

- If you are using Windows Server 2003 Service Pack 1 with Hyperion System 9 products, your system may experience an abnormal shutdown. To prevent this, install the update from Microsoft by going to: <http://support.microsoft.com/kb/923996/>
- When managing Shared Services models and naming applications, you cannot use the forward slash (/), backslash (\), or double quotation (") characters. All other alphanumeric and special characters can be used in application names.
- When managing Shared Services models and naming applications, you cannot use the forward slash (/), backslash (\), or double quotation (") characters. All other alphanumeric and special characters can be used in application names.
- Using Hyperion Configuration Utility to re-deploy an existing web application to WebLogic 8.1.x does not work properly. A workaround is to first un-deploy the web application using the application server admin console, and then use Hyperion Configuration Utility to deploy the web application fresh.

Defects Fixed in this Release

- Configuration Utility is automatically run in the UI mode after console mode installation of Data Integration Management on UNIX platforms. To work around this issue, choose not to start Configuration Utility on the last installer screen. You can then run Configuration Utility manually in the console mode.
- Database connection could not be verified in case of remote DB2 database. If the database type for the Data Integration Management repository is DB2 and this database is remote, the configuration utility cannot test the connection.
- The Server component is not properly configured if Configuration Utility is run in a terminal server session. When you connect to a server using Terminal Services, you use the Execute mode, and any files stored in the system folders are copied into user local folder. The Data Integration Management installer operates in Install mode and directly modifies files in the system folder (`vpd.properties`). This difference can produce inconsistencies between the installer and Configuration Utility as to which components are installed and which are not.
- On HP-UX systems, when the Hyperion Home Migration Utility is used to copy Hyperion Home components to a new location, the migration utility sometimes does not remove components from the old location.
- On UNIX platforms, Application Server Deployment or Web Server Configuration tasks may fail if the temporary folder (as defined by the TEMP environment variable) contains `*-build.xml` files created by another user. Ensure that `*-build.xml` files do not exist in the temporary folder before running Hyperion Configuration Utility.

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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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