



Informatica® Test Data Management
10.1.0

Upgrade Guide

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Publication Date: 2018-06-25

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Preface

The Informatica *Test Data Management Upgrade Guide* is written for the system administrator who is responsible for upgrading Test Data Management. This guide assumes that you have knowledge of relational database concepts and are familiar with the relational database systems and other file systems in your environment. This guide also assumes that you are familiar with the operating systems in your environment.

Informatica Resources

Informatica Network

Informatica Network hosts Informatica Global Customer Support, the Informatica Knowledge Base, and other product resources. To access Informatica Network, visit <https://network.informatica.com>.

As a member, you can:

- Access all of your Informatica resources in one place.
- Search the Knowledge Base for product resources, including documentation, FAQs, and best practices.
- View product availability information.
- Review your support cases.
- Find your local Informatica User Group Network and collaborate with your peers.

Informatica Knowledge Base

Use the Informatica Knowledge Base to search Informatica Network for product resources such as documentation, how-to articles, best practices, and PAMs.

To access the Knowledge Base, visit <https://kb.informatica.com>. If you have questions, comments, or ideas about the Knowledge Base, contact the Informatica Knowledge Base team at KB_Feedback@informatica.com.

Informatica Documentation

To get the latest documentation for your product, browse the Informatica Knowledge Base at https://kb.informatica.com/_layouts/ProductDocumentation/Page/ProductDocumentSearch.aspx.

If you have questions, comments, or ideas about this documentation, contact the Informatica Documentation team through email at infa_documentation@informatica.com.

Informatica Product Availability Matrixes

Product Availability Matrixes (PAMs) indicate the versions of operating systems, databases, and other types of data sources and targets that a product release supports. If you are an Informatica Network member, you can access PAMs at

<https://network.informatica.com/community/informatica-network/product-availability-matrices>.

Informatica Velocity

Informatica Velocity is a collection of tips and best practices developed by Informatica Professional Services. Developed from the real-world experience of hundreds of data management projects, Informatica Velocity represents the collective knowledge of our consultants who have worked with organizations from around the world to plan, develop, deploy, and maintain successful data management solutions.

If you are an Informatica Network member, you can access Informatica Velocity resources at <http://velocity.informatica.com>.

If you have questions, comments, or ideas about Informatica Velocity, contact Informatica Professional Services at ips@informatica.com.

Informatica Marketplace

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Informatica Global Customer Support

You can contact a Global Support Center by telephone or through Online Support on Informatica Network.

To find your local Informatica Global Customer Support telephone number, visit the Informatica website at the following link:

<http://www.informatica.com/us/services-and-training/support-services/global-support-centers>.

If you are an Informatica Network member, you can use Online Support at <http://network.informatica.com>.

CHAPTER 1

Test Data Management Upgrade Overview

This chapter includes the following topics:

- [Introduction, 8](#)
- [Upgrade Options, 9](#)
- [Guidelines for Multinode Installations, 9](#)

Introduction

Use the Test Data Management (TDM) installer to upgrade from a previous version of TDM. To complete the upgrade process, log in to Informatica Administrator and upgrade the TDM repository content.

On Windows, you can upgrade in graphical mode. The length of the entire installer directory path, including the .zip file name, must be 60 characters or less. Verify that the .zip utility version is compatible with the Windows operating system version. When you unzip the file, verify that the .zip utility also extracts the empty folders.

On UNIX, you can upgrade in graphical or console mode. Use a native tar or GNU tar utility to extract the installer files. The user that runs the installer must have read and write permission on the installer files directory and execute permission on install.sh.

You can perform the upgrade from a DVD or from the root of the directory where you download the installer files. Complete the pre-upgrade tasks before you start the upgrade.

When you upgrade TDM, the installer does not change the files of the previous version. It renames the existing TDM folder in the Informatica install directory and performs a fresh installation of TDM in the Informatica installation directory.

Upgrade Options

You can use the same installer to install or upgrade Test Data Management. TDM 10.1.0 works with Informatica version 10.1.0.

You can upgrade from the following versions:

- Test Data Management 9.7.0
- Test Data Management 9.7.1
- Test Data Management 9.7.1 HotFix 1

If you have a TDM version earlier than 9.7.0, you must upgrade to version 9.7.0 before you can upgrade to 10.1.0.

When you upgrade, the installer copies the TDM files to the specified directory. Upgrade the Test Data Manager Service content after you upgrade TDM to upgrade the objects.

Note: The TDM installer does not upgrade Informatica services. You must upgrade Informatica services before you upgrade TDM.

Guidelines for Multinode Installations

You can install TDM on more than one machine in an Informatica domain that has a master gateway node and nodes.

Read the following guidelines and understand the limitations before you install TDM in a multinode setup:

General

- The Test Data Manager Service connects to a PowerCenter® Integration Service in the domain. The nodes on which you create the Test Data Manager Service and the PowerCenter Integration Service must be on the same operating system. Create both nodes on the same operating system to link the paths to run workflows.
- If multiple nodes connect to a single PowerCenter Repository Service, use different folder names as work areas for each node.
- If you use parameters to enter the connection information in a plan, the parameter file must be present on the node on which the Test Data Manager Service runs. The file must be in the same directory path on both nodes.

Installation and Upgrade

- Install TDM on the master gateway node first.
- You must create a Test Data Manager Service on the master node. You cannot create the Test Data Manager Service only on other nodes.
- When you create a Test Data Manager Service on a node that is not a master node, it is recommended to retain the default Test Data Manager Server Configuration settings and the Advanced Properties.
- You must install TDM on each node on which you create a Test Data Manager Service.
- You must install a single TDM version on all nodes in the domain.
- After you create the Test Data Manager Service, log in to Test Data Manager and verify the default staging connection on each node. You must use different connection names on each node. Use the default TDM_CONNECTION on a single node.

- The PowerCenter Integration Service creates temporary cache files on the node where you run a TDM workflow. The cache files must be available to the PowerCenter Integration Service for the workflow to run. If you configure the Test Data Manager Service and the PowerCenter Integration Service on different nodes, you must configure the TDM cache directory inside an `infa_shared` directory. The `infa_shared` directory must be accessible to all nodes that the Test Data Manager Service and the PowerCenter Integration Service use. Configure the TDM cache directory from the **Workflow Generation** tab in the **Administrator | Preferences** view in Test Data Manager.
- Configure a different cache directory within the `infa_shared` directory for each node on which you create a Test Data Manager Service. TDM generates temporary folders with the plan name in the cache directory. The plan names might conflict with plans created on other nodes.
- It is recommended that you install TDM in the same directory structure on all nodes if you configure the Test Data Manager Service and PowerCenter Integration Service on different nodes. This is because TDM workflows that you run from a specific node use the scripts in the `<Informatica installation directory>\TDM\utilities` directory with the absolute path as set in TDM.
- If you install Informatica services in a different directory structure on each node on Windows, create a soft link on the node with the PowerCenter Integration Service. The soft link must allow the node with the PowerCenter Integration Service to access the cache folder on the node that generates the workflow.
- If you install Informatica services in a different directory structure on each node on Linux, you must mount the directories. Users must have read, write, and execute permission on the mounted directories.

Connection Sharing

- Multiple nodes can connect to a single Model Repository Service, but the connections are not shared across the nodes. Changes to connections on one node do not impact other nodes.
- If you have configured a test data warehouse to create data sets, verify if the following statements are true:
 - You configured the master node and other nodes with different PowerCenter repository services.
 - The other nodes connect to the same test data warehouse and the same test data warehouse repository using the option **Use Existing Repository**.
 - You created the test data warehouse on the master node.

If the statements are true, you must configure the test data warehouse connection in the Workflow Manager of the PowerCenter Repository Service that the other nodes connect to. You cannot run a plan to create a data set from the other nodes unless the test data warehouse connection is available in the nodes.

Restrictions

- The Test Data Manager Service cannot connect to a PowerCenter Integration Service or a Data Integration Service that runs on a grid.
- Failover and recovery are not available with the Test Data Manager Service.
- You can install TDM in HTTPS mode only on a master node.
- You cannot create a TDM multinode setup in a Kerberos environment.

CHAPTER 2

Before You Upgrade TDM

This chapter includes the following topics:

- [Read the Release Notes, 11](#)
- [Back Up the TDM Repository, 11](#)
- [Shut Down the TDM Server, 11](#)
- [Test Data Warehouse Tasks, 12](#)
- [Upgrade Informatica Services, 12](#)
- [Extract the Installer Files, 12](#)
- [Set Up the X Window Server, 13](#)

Read the Release Notes

Before you install or upgrade, read the product Release Notes. The Release Notes contain important information about the product installation and upgrade process. The Release Notes also contain information about known and fixed limitations.

Back Up the TDM Repository

Back up the TDM repository. Use the backup utility provided by the database that contains the TDM repository.

The installer updates the schema and table structures of the TDM repository. Back up the TDM repository to ensure that you can revert to the previous version of the repository if you encounter problems with the upgrade.

Shut Down the TDM Server

Shut down the TDM Server for the previous version of Test Data Management.

Test Data Warehouse Tasks

If the TDM setup contains a test data warehouse, record the configuration details before you upgrade TDM.

Record the following information:

- Name of the test data warehouse repository
- Database details of the test data warehouse
- Name of the test data warehouse
- Connection information of the test data warehouse

Upgrade Informatica Services

TDM 10.1.0 works with Informatica service version 10.1.0.

Ensure that you are on a supported version of Informatica service. Upgrade Informatica service before you run the TDM installer to upgrade TDM. Ensure that you apply EBF 17566 on Informatica service 10.1.0.

Extract the Installer Files

Download and extract the installer files on the machine that contains the TDM instance that you plan to upgrade.

Extract the Installer Files on UNIX

Before you perform the installation, extract the installer files on the UNIX machine. The user that runs the installer must have read and write permissions on the installer files directory and execute permissions on `install.sh`.

The installer files are compressed and distributed as a tar file. Use a native tar or GNU tar utility to extract the installer files to a directory on the UNIX machine. For example,

```
tar -xvf <filename.tar>
```

You can extract the installer files in the following ways:

- Installation DVD. Download the Informatica tar file from the installation DVD to a directory on your machine and then extract the installer files, or extract the installer files directly from the DVD to a directory on your machine.
- FTP download. Download the Informatica installation tar file from the Informatica Electronic Software Download site to a directory on your machine and then extract the installer files.

Note: If you extract the tar file on Windows and then copy the installer files to UNIX, the installation can fail.

Extracting the Installer Files on Windows

The installer files are compressed and distributed as a zip file. The user that runs the installer must have read and write permissions on the installer files directory and execute permissions on install.bat.

You can extract the installer files in the following ways:

- Installation DVD. Download the Informatica zip file from the installation DVD to a directory on your machine and then extract the installer files, or extract the installer files directly from the DVD to a directory on your machine. If you download the zip file to a directory on your machine, verify the length of the entire installation directory path, including the zip file name, is 60 characters or less.
- FTP download. Download the Informatica installation zip file from the Informatica Electronic Software Download (ESD) site to a directory on your machine and then extract the installer files.

Set Up the X Window Server

To run the installer in graphical mode, use a graphics display server. If you are logged in remotely to a UNIX machine, you can use an X Window server to redirect the graphics display to your local host.

If you do not have a display device installed on the machine where you want to install the product, you can run the installer by using an X Window server installed on another machine. Use the DISPLAY variable to redirect output of the X Window to another machine that has X Window and xterm installed.

The following table lists the commands to set the DISPLAY environment variable:

Shell	Command
C	setenv DISPLAY <host name>:0
Bash/Korn	export DISPLAY=<host name>:0
Bourne	DISPLAY=<host name>:0 export display

If you do not know the host name of the machine that has the X Window server that you want to use, ask your network administrator. You can also use the IP address of the machine. For more information about redirecting the DISPLAY variable, see the documentation from the UNIX or X Window vendor.

If the X Window server does not support the font that the installer uses, the installer displays the labels on the buttons incorrectly.

CHAPTER 3

TDM Upgrade

This chapter includes the following topics:

- [TDM Upgrade Overview, 14](#)
- [Upgrade Task Flow, 14](#)
- [Upgrading in Graphical Mode, 16](#)
- [Upgrading in Console Mode, 17](#)
- [Upgrading in Silent Mode, 18](#)

TDM Upgrade Overview

On Windows, you can run the installer in graphical mode. On UNIX, you can run the installer in graphical or console mode.

When you run the TDM installer to upgrade, the installer renames the existing TDM folder in the Informatica directory and performs a fresh installation of TDM in the Informatica installation directory.

Upgrade Task Flow

On AIX environments, ensure that the `JAVA_HOME` environment variable points to the Java version 1.8 directory.

Perform the following steps to complete the upgrade:

Note: In a multinode setup, the Informatica upgrade completes successfully on non master nodes. You do not need to perform steps 5 and 6 on non master nodes. Ensure that the master node domain is up and running.

1. Stop and disable the Test Data Manager Service.
2. If you created the TDM repository with the Custom database type, delete the Test Data Manager Service.
Perform this step only if the TDM repository uses custom JDBC drivers and not Informatica JDBC drivers.
3. Stop the Informatica service.
4. Perform the Informatica service upgrade to 10.1.0.
The upgrade fails.
5. Apply Informatica EBF 17566.

6. Open a command prompt and run the following commands from the directory <Current Informatica install directory>\isp\bin:

- a. `infasetup.bat upgradeDomainMetadata -ph "<Previous Informatica install directory>" -du "<domain user>" -dp <domain password> -dt "<database type>" -cs "<JDBC connection string>" -kd "<Current Informatica install directory>\isp\config\keys" -r`

The command is available in the `Informatica_10.1.0_Services_Upgrade.log` file in the Informatica install directory. The domain password is encrypted in the log file. You must know the password before you run the command. Append an "-r" at the end of the command.

- b. `infasetup.bat upgradegatewaynodeMetadata -ph "<Previous Informatica install directory>" -du "<domain user>" -dp <domain password> -dt "<database type>" -cs "<JDBC connection string>" -kd "<Current Informatica install directory>\isp\config\keys"`

- c. `infasetup.bat validateAndRegisterAllFeatures`

On UNIX machines, enclose the JDBC connect string in single quotes in the commands that you run.

7. On a Windows environment, you must create the Informatica service. Run the following commands from the directory <Informatica install folder>\tomcat\bin to create the Informatica service:

- a. `infaservice.bat remove "Informatica10.1.0"`

- b. `infaservice.bat install "Informatica10.1.0" "Informatica 10.1.0"`

8. Run the TDM installer to upgrade TDM.
9. Start the Informatica domain.
10. Log in to Informatica Administrator.
11. Upgrade the PowerCenter Repository Service content and change the operating mode to Normal.
12. Upgrade the Model Repository Service content and the Data Integration Service content.
13. Edit the `$PMRootDir` value of the PowerCenter Integration Service to point to the latest path.
14. Optional. Perform steps 14 to 16 if you use a test data warehouse. Create a connection for the test data warehouse. Use the information from the test data warehouse of the previous install.
15. Create a Test Data Warehouse Service. Select the Content Exists option and enter details from the previous test data warehouse. Choose to upgrade the repository content.

Ensure that the port number is different from the Test Data Manager port number. The default port number for the test data warehouse is 7705.
16. Edit the Test Data Manager Service and update the Test Data Warehouse Service information.
17. If you deleted the Test Data Manager Service in step 2, create a Test Data Manager Service and use Informatica drivers to configure the TDM repository.
18. Upgrade the Test Data Manager Service content from the service **Actions** menu.
19. Enable the Test Data Manager Service.

If you delete the Test Data Manager Service before you upgrade and create the service with a different name after you upgrade, you are prompted to enter the previous Test Data Manager Service name.

RELATED TOPICS:

- ["Upgrading in Console Mode" on page 17](#)
- ["Upgrading in Graphical Mode" on page 16](#)

Upgrading in Graphical Mode

You can run the installer in graphical mode on UNIX or Windows.

You cannot run the installer in graphical mode on the SUSE Linux Enterprise 11 operating system.

If you encounter problems on Windows when you run the install.bat file from the root directory, run the following file: `<Informatica Installation Dir>/server/install.exe`

Note: Read the information in the Upgrade Task Flow and perform all required Informatica service upgrade tasks before you run the TDM installer.

1. Log in to the machine with a system user account.
2. Close all other applications.
3. Begin the installation.
 - On Windows, run install.bat from the installer root directory.
 - On UNIX, perform the following steps:
 1. Use a shell command line to run install.sh from the installer root directory.
 2. Press `g` for graphical mode installation.

The **Test Data Management** page appears.

4. Click **Next**.
5. Select the option to upgrade Test Data Management.
6. Enter the installation directory. You must install Test Data Management in the Informatica install directory.

The installer verifies that you applied the required Informatica EBFs. If applied, the installation information appears. If not applied, you must apply Informatica EBF 17566 and then upgrade TDM.

7. Click **Next**.

The installer checks for the required files in the Informatica install directory.
8. Enter the install directory of the previous installed Informatica version.
9. Click **Next**.
10. Review the information, and click **Install** to continue.

The installer copies the Test Data Management files to the installation directory.

The **Post-Installation Summary** page indicates whether the upgrade completed successfully.

11. Click **Done**.
12. Restart the Informatica domain.

You can view the log files for more information about the tasks performed by the installer and to view the configuration properties for the installed components.

RELATED TOPICS:

- [“After you Upgrade TDM” on page 20](#)

Upgrading in Console Mode

You can upgrade TDM in console mode on UNIX.

Note: Read the information in the Upgrade Task Flow and perform all required Informatica service upgrade tasks before you run the TDM installer.

When you run the installer in console mode, the words quit and back are reserved words. Do not use them as input text.

1. Log in to the machine with a system user account.
2. Close all other applications.
3. On a shell command line, run the install.sh file from the root directory.
4. Press **c** to install in console mode.
5. Verify the prerequisites and then press **Enter** to continue.
6. Press **2** to upgrade Test Data Management.
7. Enter the installation directory. You must install Test Data Management in the Informatica install directory.
8. Press **Enter** to continue.

The installer verifies that you applied the required Informatica EBFs. If applied, the installation information appears. If not applied, you must apply Informatica EBF 17566 and then upgrade TDM.

9. Enter the install directory of the previous installed Informatica version.
10. Press **Enter** to continue.
11. Review the installation information and press **Enter** to continue.
The **Post-Installation Summary** section indicates whether the upgrade completed successfully.
12. Press **Enter** to exit the installer.
13. Restart the Informatica domain.

You can view the log files for more information about the tasks performed by the installer and to view configuration properties for the installed components.

RELATED TOPICS:

- [“After you Upgrade TDM” on page 20](#)

Upgrading in Silent Mode

To upgrade TDM without user interaction, upgrade in silent mode. Use the properties file `SilentInput.properties` to specify the installation parameters. The installer reads the file to determine the upgrade options.

Copy the installation files to the hard disk on the machine where you plan to upgrade TDM. The user that runs the installer must have read and write permissions on the installer files directory and execute permissions on the `install.bat` and `Silentinstall.sh` files. If you upgrade on a remote machine, verify that you can access and create files on the remote machine.

Note: Read the information in the Upgrade Task Flow and perform all required Informatica service upgrade tasks before you run the TDM installer.

To upgrade in silent mode, complete the following tasks:

1. Create the installation properties file and specify the installation parameters.
2. Run the installer with the installation properties file.

Creating the Properties File

Informatica provides a sample properties file that includes the parameters that the installer requires. You can customize the sample properties file to specify the options for your installation.

The name of the sample properties file is `SilentInput.properties`. The file is located in the installer root directory of the installation DVD or the installer download location. After you customize the file, save the file with the same name in the same directory. Then run the installer in silent mode.

1. Browse to the installer root directory.
2. Find the sample `SilentInput.properties` file.
3. Create a backup copy of the `SilentInput.properties` file.
4. Use a text editor to open the file and enter the values of the installation parameters:

The following table describes the installation parameters:

Property Name	Description
INSTALL_TYPE	Indicates whether to install or upgrade TDM. If the value is 0 the installer performs an installation. If the value is 1 the installer performs an upgrade.
TDM_USER_INSTALL_DIR	Absolute path for the directory in which to install TDM. You must install TDM in the Informatica installation location. The directory names in the path must not contain spaces or the following special characters: @ * \$ # ! % () { } [] , ; ' .
PC_OLD_USER_INSTALL_DIR	Absolute path of the installation directory of the previous installed version of Informatica services. Enter this value if you have upgraded Informatica services and INSTALL_TYPE=1.

5. Verify that the values you set are correct. Then save the properties file with the name `SilentInput.properties` in the same directory.

Running the Silent Installer

After you create the properties file, open a command window to start the silent installation.

1. Open a command window.
2. Go to the TDM installer files directory.
3. Verify that the directory contains the `SilentInput.properties` file that you created.
4. Run the silent installer.
On Windows, double click the file `silentinstall.bat`.
On UNIX, run the file `silentinstall.sh`.

The silent installer runs in the background. The process can take a while. View the TDM installation log file in the `<Informatica installation directory>\TDM` location for more information about the tasks performed by the installer and configuration properties for the installed components. If the silent installation fails, the installer creates the `silentErrorLog.log` file. On UNIX, the installer creates the log file in the `$HOME` directory. On Windows, the installer creates the log file in the root directory.

The silent installation fails if you incorrectly configure the properties file or if the installation directory is not accessible. If the installation fails, view the installation log files and correct the errors. Then run the silent installer again.

CHAPTER 4

After you Upgrade TDM

This chapter includes the following topics:

- [Creating the Test Data Warehouse Service, 20](#)
- [Copy the Non-English Locale Properties File, 23](#)
- [Copy Dictionary Files, 23](#)
- [Regenerate Workflows, 23](#)
- [Assign Test Data Warehouse User Roles and Privileges from Informatica Administrator, 23](#)
- [Tasks in a Multinode Setup, 24](#)
- [Test Data Manager Service Logs, 24](#)
- [Logging In to Test Data Manager, 24](#)

Creating the Test Data Warehouse Service

If you use a test data warehouse, you must create a Test Data Warehouse Service. Use the service creation wizard in the Administrator tool to create the service.

Use the test data warehouse details from the test data warehouse that you used prior to upgrade.

1. In the Administrator tool, click the **Manage** tab.
2. Click the **Services and Nodes** view.
3. Click **Actions > New > Test Data Warehouse Service**.
The **New Test Data Warehouse Service** dialog box appears.
4. On the **New Test Data Warehouse Service - Step 1 of 4** page, enter the following properties:

Property	Description
Name	Name of the service. The name is not case sensitive and must be unique within the domain. It cannot exceed 128 characters or begin with @. It also cannot contain spaces or the following special characters: ` ~ % ^ * + = { } \ ; : ' " / ? . , < > ! () [] You cannot change the name of the service after you create it.
Description	Description of the service. The description cannot exceed 765 characters.

Property	Description
Location	Domain and folder where the service is created. Click Browse to choose a different folder. You can move the service after you create it.
License	License object that allows use of the service.
Node	Node on which the service runs.

- Click **Next**.

The **New Test Data Warehouse Service - Step 2 of 4** page appears.

- Enter the following properties for the test data warehouse repository database:

Property	Description
Repository Name	Name of the test data warehouse repository.
Database Type	Type of database for the test data warehouse repository. <ul style="list-style-type: none"> - Oracle - Microsoft SQL Server - DB2
User Name	User account for the test data warehouse repository database. Set up this account using the appropriate database client tools.
Password	Password for the test data warehouse repository database user. Must be in 7-bit ASCII.
JDBC URL	JDBC connection URL used to access the test data warehouse repository database. Enter the JDBC URL in one of the following formats: <ul style="list-style-type: none"> - Oracle: jdbc:informatica:oracle://<host name>:<port>;SID=<database name> - IBM DB2: jdbc:informatica:db2://<host name>:<port>;DatabaseName=<database name> - Microsoft SQL Server: jdbc:informatica:sqlserver://<host name>:<port>;SelectMethod=cursor;DatabaseName=<database name>
Schema Name	Available for Microsoft SQL Server. Optional. Name of the schema for the database. If not selected, the service creates the tables in the default schema.
Tablespace	Available for DB2. Name of the tablespace in which to create the tables. You must define the tablespace on a single node and the page size must be 32 KB. In a multipartition database, you must select this option. In a single-partition database, if you do not select this option, the installer creates the tables in the default tablespace.
Content creation options for the new Test Data Warehouse Service	Options to create content, or use existing content, and upgrade existing content. <ul style="list-style-type: none"> - Do not create new content. Creates the repository without creating content. Select this option if the database content exists. If the content is of a previous version, the service prompts you to upgrade the content to the current version. - Create new content. Creates repository content.

- Select **Content exists under the specified connection string. Do not create content**.
- Choose to upgrade the test data warehouse repository content.
- Choose to enable the Test Data Warehouse Service.

10. Click **Next**.

The **New Test Data Warehouse Service - Step 3 of 4** page appears.

11. Enter the following properties for the test data warehouse database:

Property	Description
Test Data Warehouse Name	Name of the test data warehouse.
Description	Description of the test data warehouse. The description cannot exceed 765 characters.
Connection Type	The type of connection to use as the test data warehouse.
Target Connection	The database connection to use as the test data warehouse.

12. Select the required connection from the list of target connections.

13. Click **Next**.

The **New Test Data Warehouse Service - Step 4 of 4** page appears.

14. Enter the following properties for the test data warehouse server configuration:

Property	Description
HTTP Port	Port number of the Test Data Warehouse Service. The default is 7705.
Enable Transport Layer Security (TLS)	Secures communication between the Test Data Warehouse Service and the domain.
HTTPS Port	Port number for the HTTPS connection.
Keystore File	Path and file name of the keystore file. The keystore file contains the keys and certificates required if you use the SSL security protocol with the test data warehouse. Required if you select Enable Transport Layer Security.
Keystore Password	Password for the keystore file. Required if you select Enable Secured Socket Layer.
SSL Protocol	Secure Sockets Layer protocol to use. Default is TLS.
JVM Params	<p>The heap size allocated for the Test Data Warehouse Service processes.</p> <ul style="list-style-type: none">-Xms256m -Xmx512m -XX:MaxMetaspaceSize=256m <p>The time after which database connections are renewed if the Test Data Warehouse Service remains idle. Required if you modified the database configuration settings to values less than the test data warehouse defaults.</p> <p>Configure the following test data warehouse values to be less than the database values:</p> <ul style="list-style-type: none">- IDLE_TIME. -DIDLE_TIME=<seconds>. Default is 300 seconds.- CONNECT_TIME. DCONNECT_TIME=<seconds>. Default is 5000 seconds.

15. Click **Finish**.

The domain creates the Test Data Warehouse Service, starts the service, and upgrades content for the test data warehouse repository.

Copy the Non-English Locale Properties File

The upgrade does not copy non-English locale properties files. If you upgrade TDM in a non-English setup, you can copy the non-English locale properties file from the previous version.

1. Browse to the following location: `<Informatica installation directory>/TDM_<timestamp>/lang`.
2. Copy the following file: `pc_<locale name>.properties` to the same location in the current version: `<Informatica installation directory>/TDM/lang`.

For a list of locales and their locale codes, see the *TDM Installation Guide*.

3. Verify that the entry `PARTITION_LABEL=<Locale specific "Partition #">` exists. Add the entry if required.

For example, for a setup with a Brazilian Portuguese locale, the file name would be `pc_pt_BR.properties` and the entry would be `PARTITION_LABEL=Partição n°`.

Copy Dictionary Files

If you upgraded Informatica services to a different location, dictionary files from the previous version of TDM are not copied to the new location.

Copy the dictionary files from `<OLD_INFA_HOME>/server/infa_shared/LkpFiles` to the following folder:

`<NEW_INFA_HOME>/server/infa_shared/LkpFiles`.

Regenerate Workflows

Command tasks record the paths as absolute paths. Workflows that were created prior to upgrade contain the path of the previous version. Post upgrade, the path must be updated.

To update the path to the latest in plans that contain workflows, regenerate the workflows and then run the workflows. When you regenerate a workflow, the paths get updated in the workflow command task.

Assign Test Data Warehouse User Roles and Privileges from Informatica Administrator

User roles and privileges have changed in version 10.1.0. You must assign test data warehouse roles and privileges for test data warehouse users.

Assign user roles and privileges from Informatica Administrator. Log in to Informatica Administrator and assign test data warehouse user roles and privileges.

See the *Test Data Management Administrator Guide* for more information.

Tasks in a Multinode Setup

Update the cache file location on each TDM node in a multinode setup.

If you entered the cache file location in the previous TDM version, you must update the location.

Update the cache location from the **Workflow Generation** tab of the **Administrator | Preferences** page in Test Data Manager.

Update the mount ormlink for the cache file directory on all TDM nodes in the setup.

Test Data Manager Service Logs

The Test Data Manager Service logs contain detailed information about all Test Data Manager Service actions. View the Test Data Manager Service logs from the **Logs | Services** view in the Administrator tool.

View detailed information about Test Data Manager Service startup and shut down. You can also view console logs and error log messages in the Test Data Manager Service logs in the Administrator tool.

View information about content creation and content upgrade when you perform a service upgrade or create content for the service.

You can access all the Test Data Manager Service logs from the **Logs | Services** view of the Administrator tool.

Viewing Test Data Manager Service Logs

View the event logs for the Test Data Manager Service that you want to monitor.

You can view messages for events such as enablement, disablement, content creation, and content upgrade of the Test Data Manager Service.

1. In the Administrator tool, click the **Logs** tab.
2. Select the **Service** view.
The contents panel displays event logs for all services.
3. From the **Service Type** list, select Test Data Manager Service.
4. From the **Service Name** list, select the Test Data Manager Service that you want to monitor.
5. Click the **Filter** button.

The Log Manager retrieves the log events and displays the most recent log events first.

To narrow down the list of log events, select the severity and time period of the events that you want to view. Click the **Filter** button again to refresh the list.

Logging In to Test Data Manager

You can log in to Test Data Manager with the same user account that you used in the previous version.

1. Start a Microsoft Internet Explorer or Google Chrome browser.

2. In the **Address** field, enter the URL for Test Data Manager:

`http://<HostName>:<PortNumber>/tdm`

HostName represents the host name of the machine where TDM is installed. *PortNumber* is the startup port number for TDM. The default port number is 6605.

If you configure TDM to use HTTPS, the URL redirects to the HTTPS site:

`https://<HostName>:<HTTPSPortNumber>/tdm`

3. On the login page, enter an Informatica user name and password.
4. Click **Login**.

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