Oracle® Application Testing Suite

Database Migration Utility Instructions

Version 9.31

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Oracle Application Testing Suite Release 9.31 supports Oracle Database 10*g*, 11*g* or XE 10*g* as the RDBMS for its load testing and test management components.

As of this version of Oracle Application Testing Suite, only Oracle is certified as the RDBMS. Existing users who are using either Microsoft Access or SQL Server databases for the repository will no longer be using Oracle "certified" software. Existing customers who want to migrate their data from the current Oracle Application Testing Suite database systems into Oracle Database 11*g* can use this Data Migration Utility to migrate data to their Oracle 11*g* database. This document describes the Data Migration Utility and how to use it.

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Migrating Database Data

This topic explains the basic procedure for migrating data from Oracle Test Manager or Oracle Load Testing in MS Access, SQL Server, or Oracle databases to Oracle Database 11*g*.

Prerequisites

Make sure of the following before starting the data migration procedure:

1. You have Oracle Database 10*g*, 11*g* or XE 10*g* installed and configured on a server.
2. An Oracle Database for Oracle Test Manager and/or Oracle Load Testing has been created before running the Data Migration Utility.
   - Use the Oracle Application Testing Suite Database Configuration application to add and configure an Oracle database for Oracle Load Testing and Oracle Test Manager.

Using the Data Migration Utility

To migrate data using the utility:

1. Select the Data Migration Tool from the **Tools** sub menu below the Oracle Application Testing Suite start menu.
2. In the Source Database dialog box, select the product and database type.
3. Specify the database source information:
   - For SQL Server databases, specify the Server and Database info and User information.
   - For MS Access databases, specify the path and file name of the database file.
   - For Oracle databases, specify the Server, Port, Service Name, and User information.
4. Click **Next**.
5. Specify the database target information:
   - **Server** - enter the name of the server on which the Oracle database is installed.
   - **Port** - enter the port number for the connection.
   - **Service name** - enter the Service name used for the Oracle database.
   - **User information** - enter the logon information for accessing the Oracle database.
6. Select or clear the **Create new objects in this schema** option.
7. Click **Next**.
8. If necessary confirm, data overwrite.
9. Wait while the data is migrated. The progress dialog box appears. Click **OK** when the data migration is complete.
10. Click **OK** to close the migration underway message.
11. Click **Done** to close the Data Migration utility.
12. Click **OK** to confirm closing the utility.

If you need to migrate data from another database, restart the utility and repeat the steps to specify the source and target database information.

Source Database Dialog Box

This dialog box lets you specify the details for the database to migrate to an Oracle database. You specify which product database to migrate and the details for the specific type of database.

Product - select which product database to migrate.

- **Oracle Test Manager** - select this option to migrate data from the Oracle Test Manager database.
- **Oracle Load Testing** - select this option to migrate data from the Oracle Load Testing database.
- **Configuration schema** - select this option to migrate data from the Oracle Application Testing Suite configuration data database.

Database type - select which type of database to migrate.

- **SQL Server** - select this option to migrate data from an SQL Server database.
- **MS Access** - select this option to migrate data from a Microsoft Access database.
- **Oracle** - select this option to migrate data from a Oracle database.

Database info - specify the source information for the type of database to migrate. The dialog box changes based on which database type is selected.

The Source Database dialog box requires the following for MS Access databases:

- **Database file path** - enter the location of the existing database file. Click Browse to display the Open dialog box for locating the database. For Oracle Application Testing Suite MS Access databases use <*installdir*>\OTM\Files\tm.mdb for Oracle Test Manager databases and <*installdir*>\OFT\Reporter\RSWReport.mdb for Oracle Load Testing databases.
- **Authentication DB path** - enter the location of the existing authentication database for Oracle Load Testing. Click Browse to display the Open dialog box for locating the database. For Oracle Application Testing Suite MS Access and SQL server databases use <*installdir*>\EmpAppServer\Data\oldinstall.mdb.

The Source Database dialog box requires the following for SQL Server databases:

- **Server** - enter the SQL server name.
- **Database** - enter the name of the database used for the ODBC connection.

User information - enter the logon information for accessing the SQL database.

- **Use following user information** - select this option to enter logon information.
  - **Username** - enter the username.
  - **Password** - enter the password.
- **Use NT Authentication** - select this option to use the NT logon.

The Source Database dialog box requires the following for Oracle databases:

- **Server** - enter the Oracle database server name.
- **Port** - enter the port number.
- **Service Name** - enter the Service Name of the Oracle database.
- **Username** - enter the username.
- **Password** - enter the password.

Target Database Dialog Box

The Target Database dialog box lets you specify the details of the Oracle database into which to migrate the MS Access or SQL server databased data. You specify the information for the target database.

Database info - specify the information for the database into which to migrate the data.

The Target Database dialog box requires the following for Oracle databases:

- **Server** - enter the name of the server on which the Oracle database is installed.
- **Port** - enter the port number for the connection.

- **Service name** - enter the name of the database System ID (SID) or service used for the Oracle database.

User information - enter the logon information for accessing the Oracle database.

- **Using existing user** - when selected, an exiting user logon credentials are used. Specify the **Username** and **Password** logon credentials.
- **Create new user** - when selected, an a new user is created in the database using the specified logon credentials. Specify the **System** user and **Password** and the new user **Username** and **Password** logon credentials.
- **System user** - enter the System username to use to logon to the database.
- **Password** - enter the System user password.
- **Username** - enter the username.
- **Password** - enter the password.
- **Tablespace** - enter the name of the table space where the new user will be created. The default is USERS.

Options - specify the overwrite option:

- **Before migrating data, drop tables in this schema and create new tables** - when selected the data migration will create new objects in the database. When cleared, the data migration will ask to confirm if data contained in the target database will be overwritten.

Results Dialog Box

The Results dialog box shows the progress and results of the data migration. The results report starts with the migration information followed by objects being migrated with a description of the action. The following is an sample of the results report:

```
Oracle Application Testing Suite - Data Migration
Product             :Oracle Test Manager
Source Database     :Access
Database Name       :C:\OracleATS\OTM\Files\tm.mdb
User                :
Target Database     :Oracle
Server Name         :hydra2
Service Name        :ORCL
User                :dbadmin
Object Name             Description
"TESTTYPEID_TRG"                Trigger Disabled
"TESTCASEACTIVITYID_TRG"        Trigger Disabled
[...]
_System_NodeStatus              1 rows copied
_System_PositionIssue           12 rows copied
[...]
"TO_PROJECT_PROJECTID"          Reset value to 19
"TESTTYPEID_SEQ"                Reset value to 9
[...]
"ISSUESTATUSTYPEID_TRG"         Trigger Enabled
"REQUIREMENTSTATUSTYPEID_TRG"   Trigger Enabled
```

A message box appears indicating the data migration is in progress. Another message box appears when the data migration is complete. Wait until the data migration finishes before closing the message boxes and Data Migration Utility.

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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