Oracle® Agile

Engineering Data Management

Patch Upgrade Manual for Windows and Unix for Agile e6.1.2.2

Part No. E27828-01

April 2012

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Preface

The Oracle documentation set includes Adobe® Acrobat™ PDF files. The Oracle Technology Network (OTN) Web site (http://www.oracle.com/technology/documentation/agile.html) contains the latest versions of the Oracle Agile EDM PDF files. You can view or download these manuals from the Web site, or you can ask your Agile administrator if there is an Oracle Documentation folder available on your network from which you can access the documentation (PDF) files.

Note To read the PDF files, you must use the free Adobe Acrobat Reader™ version 7.0 or later. This program can be downloaded from the Adobe Web site (http://www.adobe.com).

Note Before calling Agile Support about a problem with an Oracle Agile EDM manual, please have the full part number ready, which is located on the title page.

TTY Access to Oracle Support Services

Oracle provides dedicated Text Telephone (TTY) access to Oracle Support Services within the United States of America 24 hours a day, 7 days a week. For TTY support, call 800.446.2398. Outside the United States, call +1.407.458.2479.

Readme

Any last-minute information about Oracle Agile EDM can be found in the Release Notes file on the Oracle Technology Network (OTN) Web site (http://www.oracle.com/technology/documentation/agile_eseries.html)

Agile Training Aids

Go to the Oracle University Web page (http://www.oracle.com/education/chooser/selectcountry_new.html) for more information on Agile Training offerings.

Accessibility of Code Examples in Documentation

Screen readers may not always correctly read the code examples in this document. The conventions for writing code require that closing braces should appear on an otherwise empty line; however, some screen readers may not always read a line of text that consists solely of a bracket or brace.

Accessibility of Links to External Web Sites in Documentation

This documentation may contain links to Web sites of other companies or organizations that Oracle does not own or control. Oracle neither evaluates nor makes any representations regarding the accessibility of these Web sites.

Chapter 1

Introduction

This document describes the steps necessary to upgrade an Agile e6.1.2.0 and Agile e6.1.2.1 installation to Agile e6.1.2.2.

Note With Agile e6.1.2.1 the Hotfix HF02 was delivered.

Note Please be aware that this is no new database installation, but a database upgrade. The following chapters of this document will guide you through the upgrade procedures.

Chapter 2

Prerequisites

Note For detailed information about Prerequisites, please refer to Prerequisites Guide for Agile e6.1.2.2.

Chapter 3

Upgrading the Database Server

1. Gather dictionary statistics to reduce the upgrade time.

Note When upgrading from Oracle Database 11.2.0.1 to Oracle Database 11.2.0.3, optimizer statistics are collected for dictionary tables that lack statistics. This statistics collection can be time consuming for databases with a large number of dictionary tables. Collecting statistics is only performed for those tables that lack statistics, or are significantly changed during the upgrade.

To reduce the amount of downtime due to collecting statistics, we recommend collecting statistics before performing the actual database upgrade.

2. Connect to the database as user “SYS” and execute the following command:

```
EXEC DBMS_STATS.GATHER_DICTIONARY_STATS;
```

3. Make a complete database backup.

Either export the complete database, including all templates and database scripts, or perform a cold backup when the database is down.

Note Before you can upgrade the Oracle Database, the software for the new Oracle database 11.2.0.3 has to be installed.

Further information about how to install the Oracle Database can be found in the manuals Installing Oracle 11g R2 for Agile e6.1.2.2.

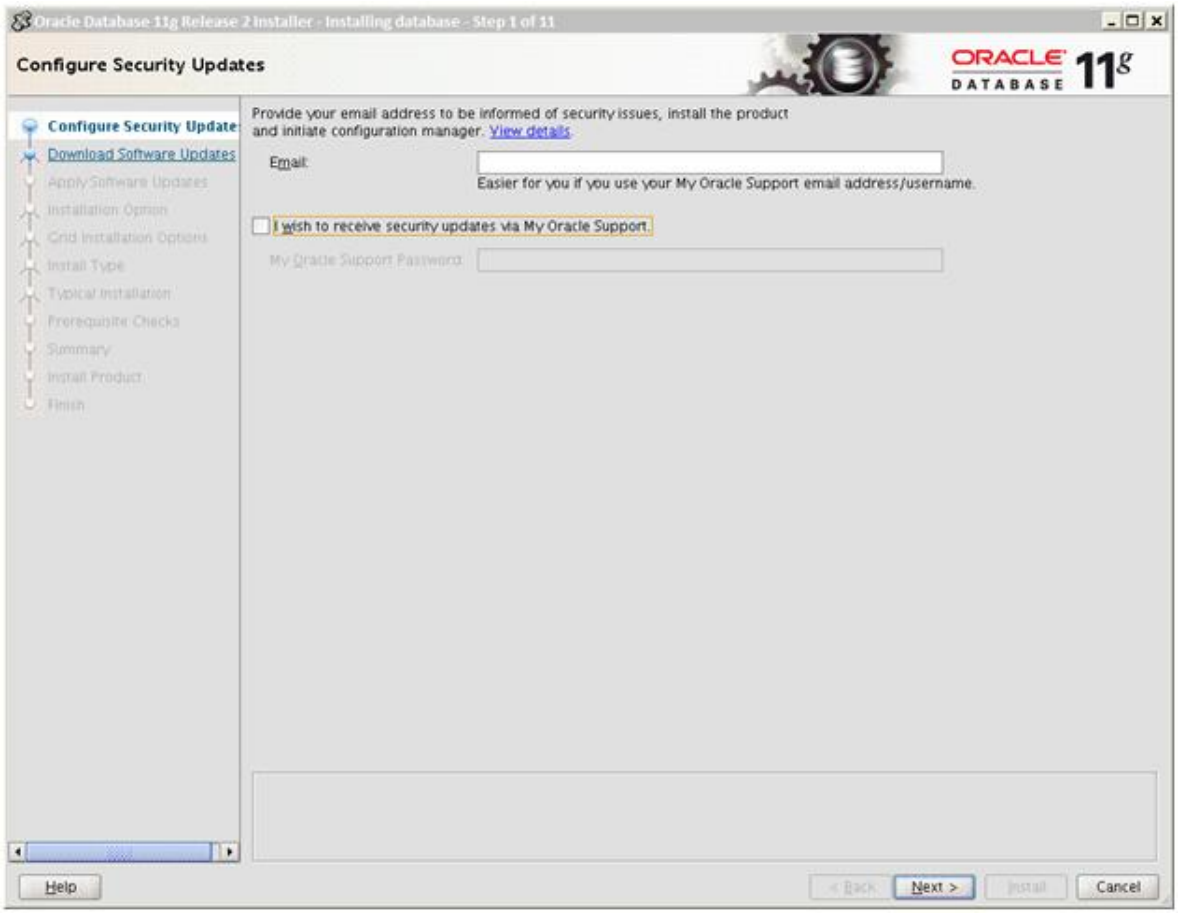
4. Start the upgrade.

    1. Start the 11.2.0.3 Oracle Universal Installer from the Database server package with the following command:

```
./runInstaller
```

Note On Windows, setup.exe has to be started.

The Configure Security Updates screen appears.



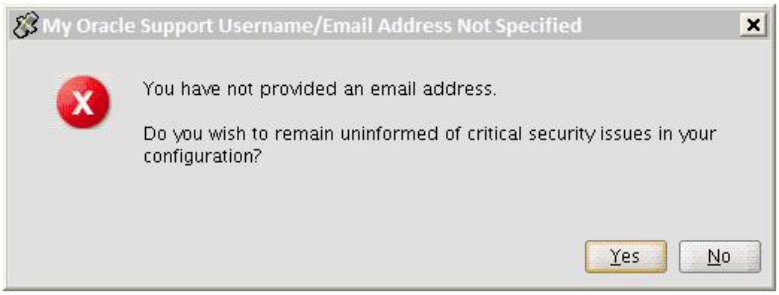
2. To receive notifications about security issues, enter your email address in the Email text field.

Note To receive security updates from My Oracle Support, enter the email address you have used to register with My Oracle Support.

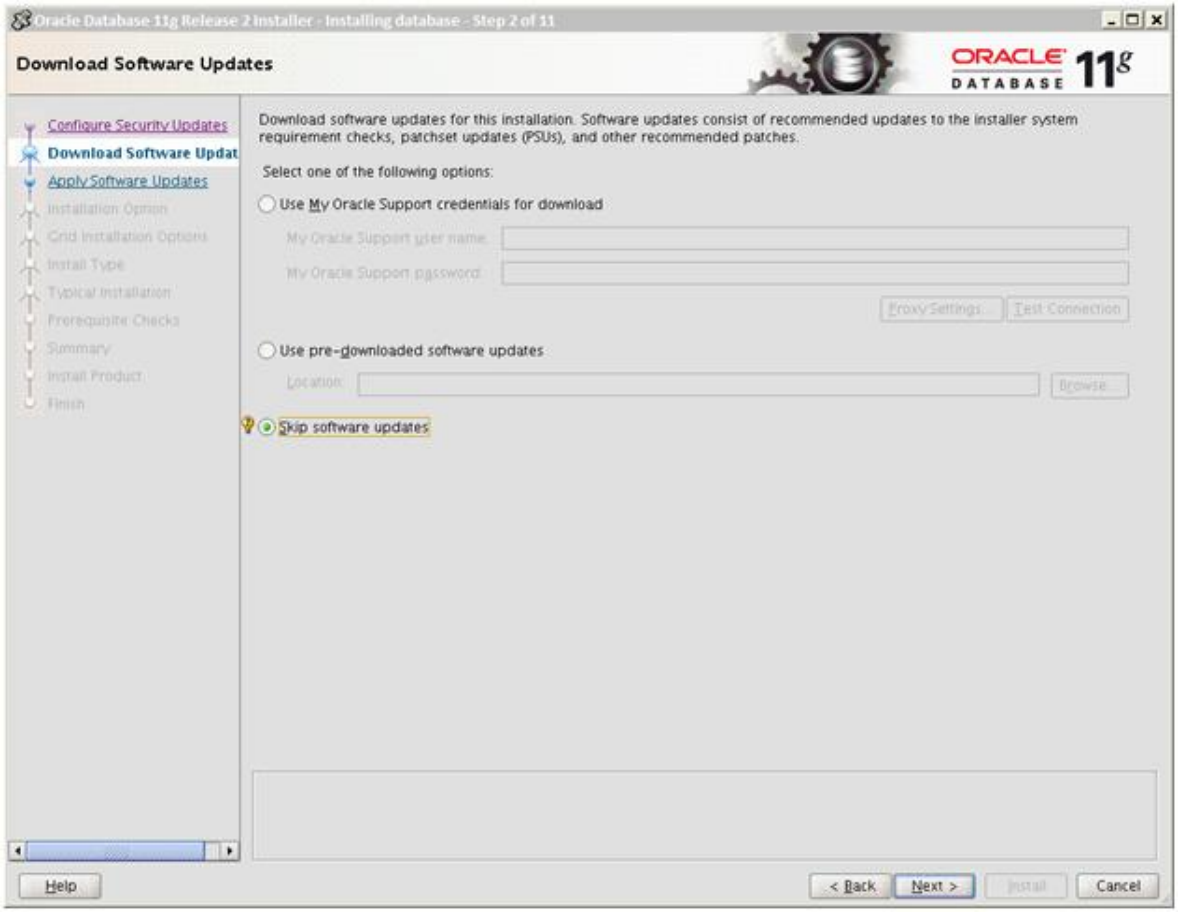
Also select the “I wish to receive security updates vie My Oracle Support” option and enter your My Oracle Support password.

If you do not wish to receive security updates, make sure this option is not selected.

Note If no email has been specified, the “Email Address Not Specified” dialog appears. Click Yes to continue.



The Download Software Updates screen appears.



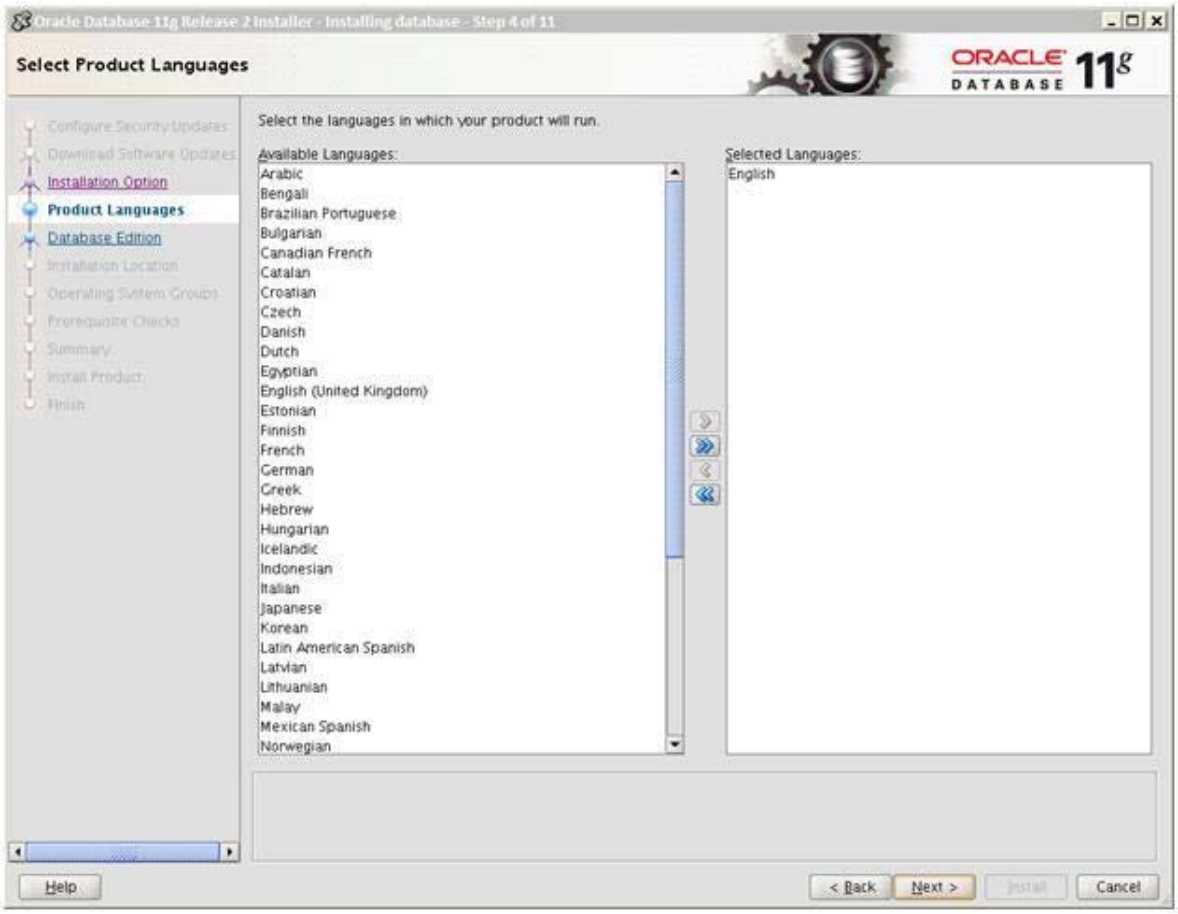
3. To download software updates for this installation, select “Use My Oracle Support credentials for download” and enter your My Oracle Support user name and password.

   To skip the software updates, select “Skip software updates” and click Next.

   The Select Installation Options screen appears.

4. Select “Upgrade an existing database” and click Next.

   The Select Product Languages screen appears.



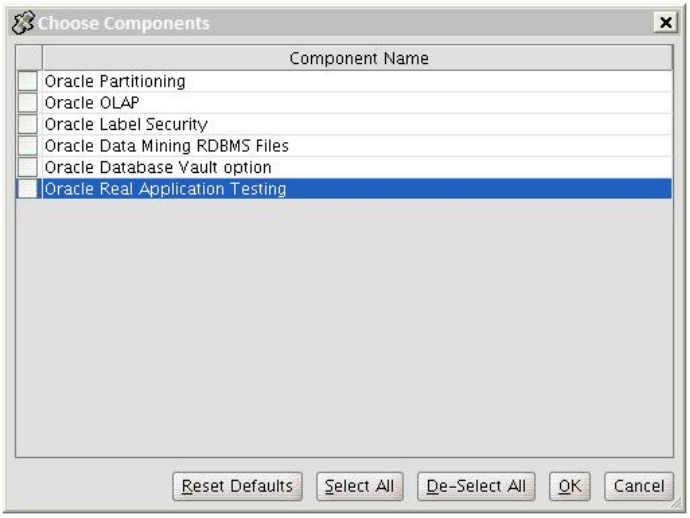
5. Copy English, as the language in which your product will run, into the Selected Languages pane and click Next.

   The Select Database Edition screen appears.

Note The Enterprise Edition is preselected as the default database edition. If you have a Standard Edition license, do not select Enterprise Edition.

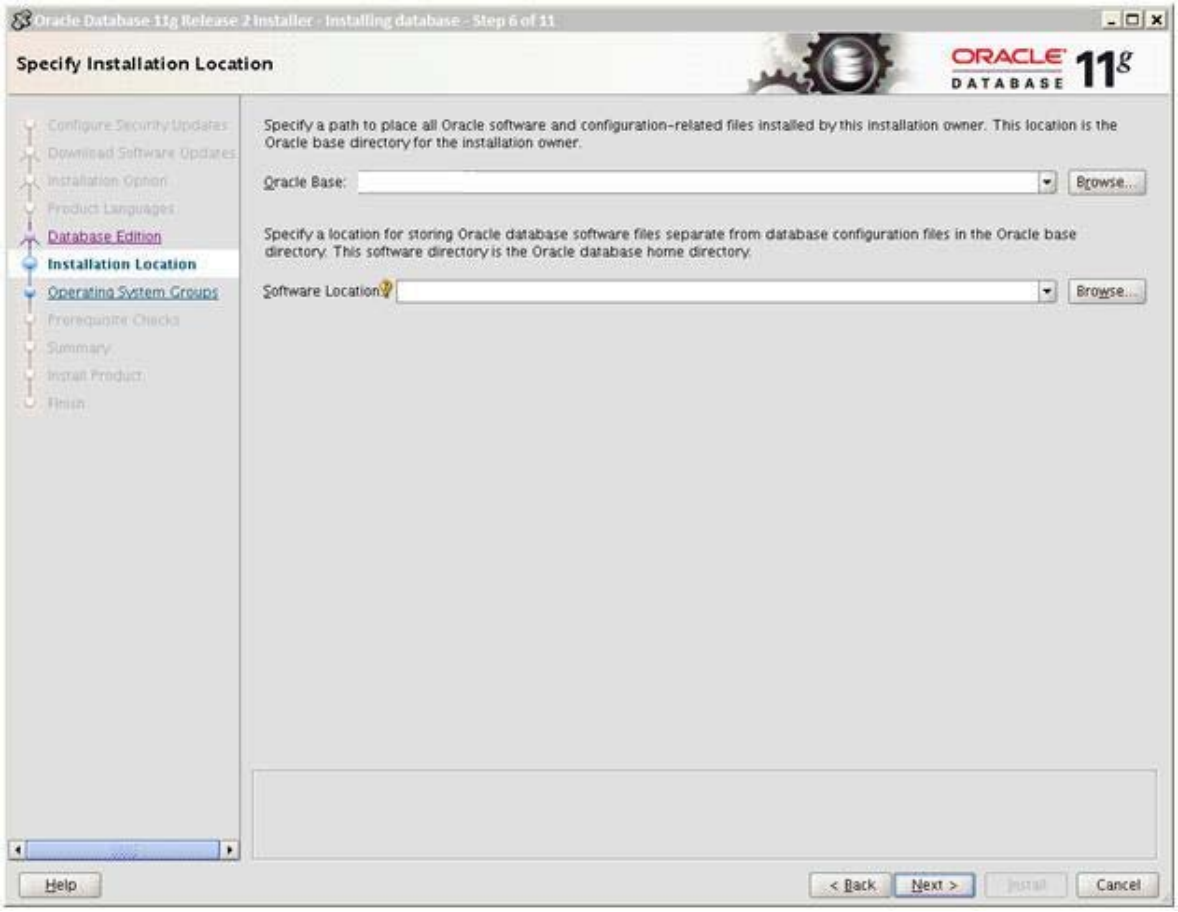
Note If you have an Enterprise Edition and also select Enterprise Edition, click the Select Options button, to select options. Only select options for which you have a license.

Note If you select Standard Edition, no further action is required. Click Next to continue.



6. Click Next.

   The Specify Installation Location screen is opened.



7. In the Oracle Base field, enter the installation location for the Oracle Base directory.

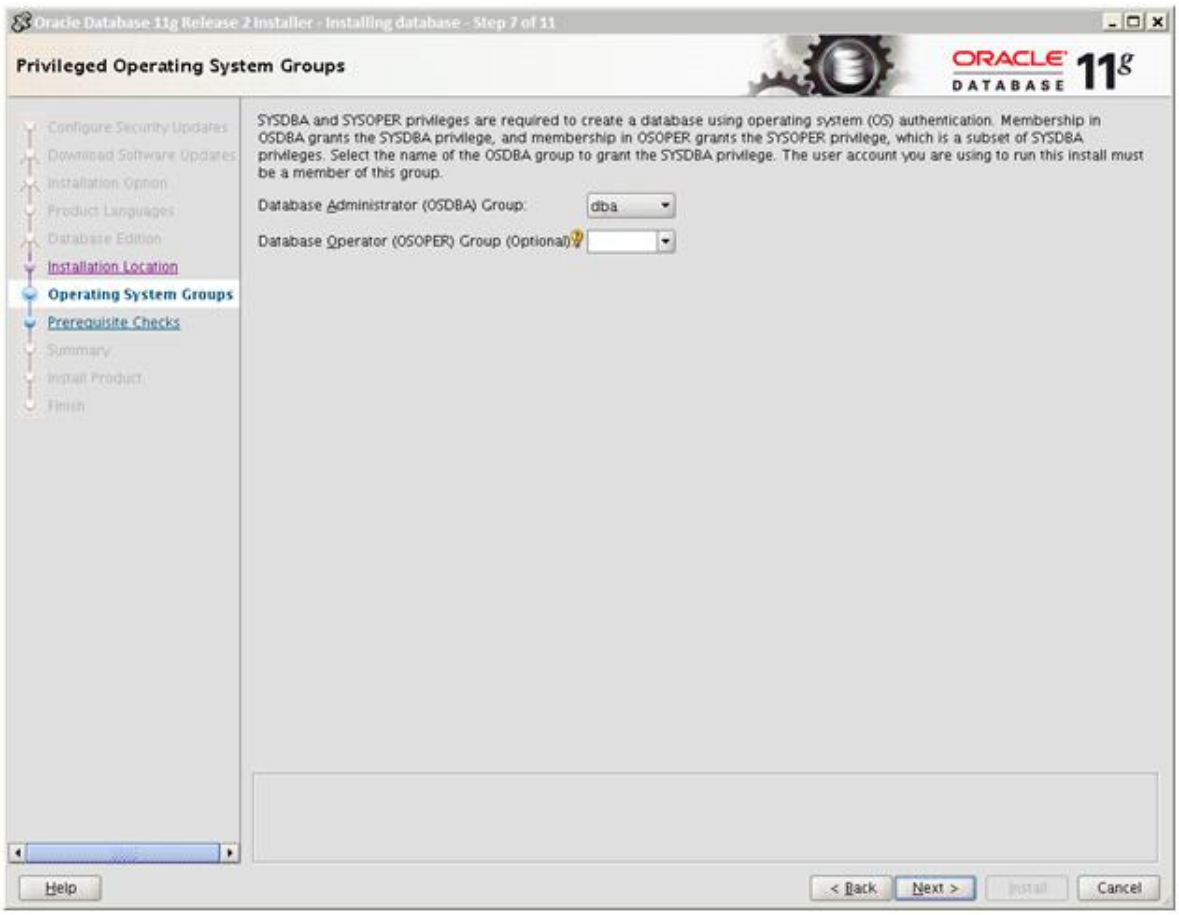
8. In the Software Location field, enter the Oracle Home directory for the new 11.2.0.3 installation.

Note The entry for the new Oracle Home differs from the existing Oracle installation, the entry for the new Oracle Base can be the same as for the existing Oracle installation.

9. Click Next.

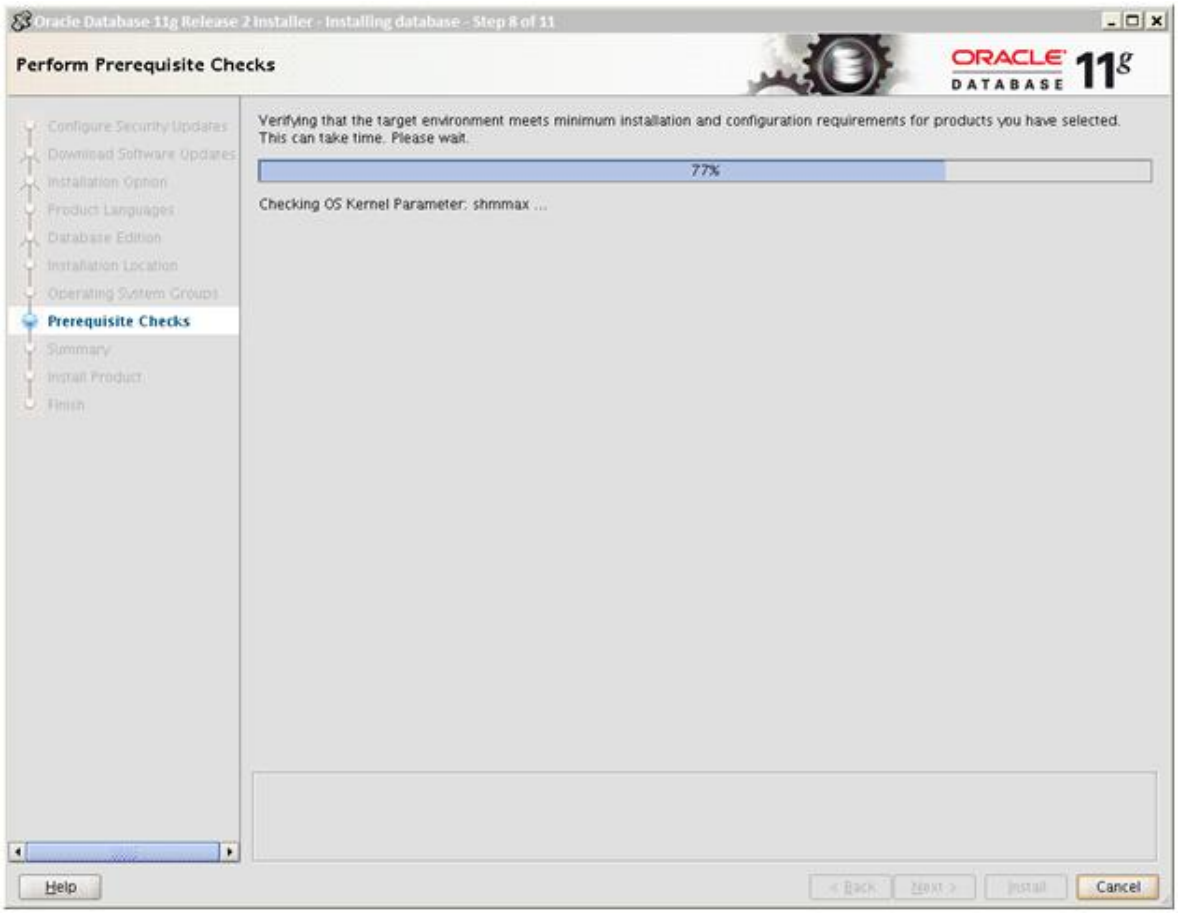
   The Privileged Operation System Groups screen appears.

Note On Window, this screen is not necessary. Please continue with the next step.



10. Specify the operating system group and click Next.

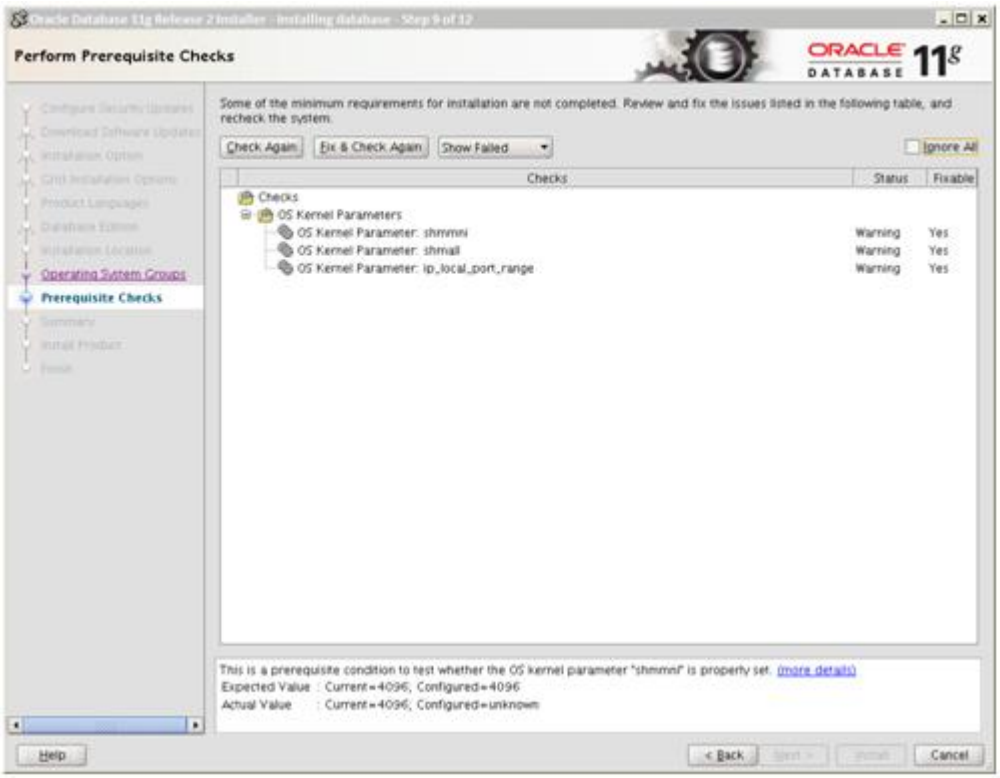
    The Perform Prerequisites Checks screen appears.



The Installer performs a prerequisites check.

Note If any of the prerequisites are not met, the Installer will list all failed checks, together with actual and expected values.

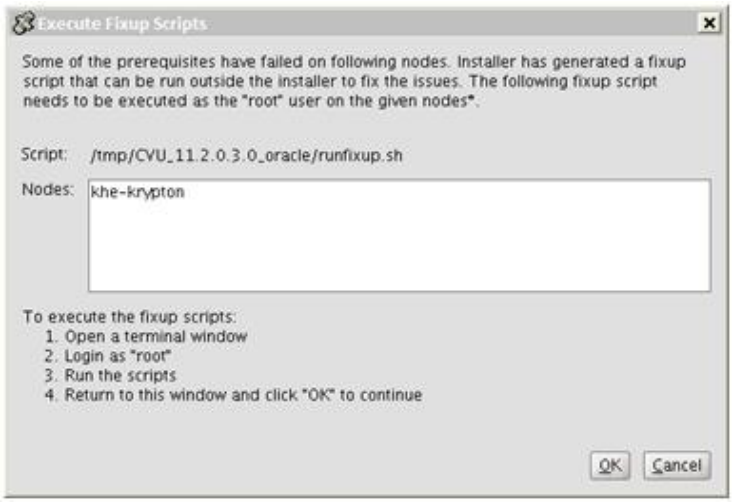
Note On Windows, the Perform Prerequisite Checks screen lists different checks (e.g. no Kernel parameter by Win OS).



11. To generate a fixup script for any of the issues, click the Fix & Check Again button.

Note On Windows, failed prerequisite checks have to be fixed manually by the administrator. Either continue by clicking the Check Again button, or if the change requires a reboot of the machine, restart the installer.

The nodes for which the prerequisites have failed, are listed in the Execute Fixup Script screen. You can run the fixup script as a root user to complete the required pre-installation steps.

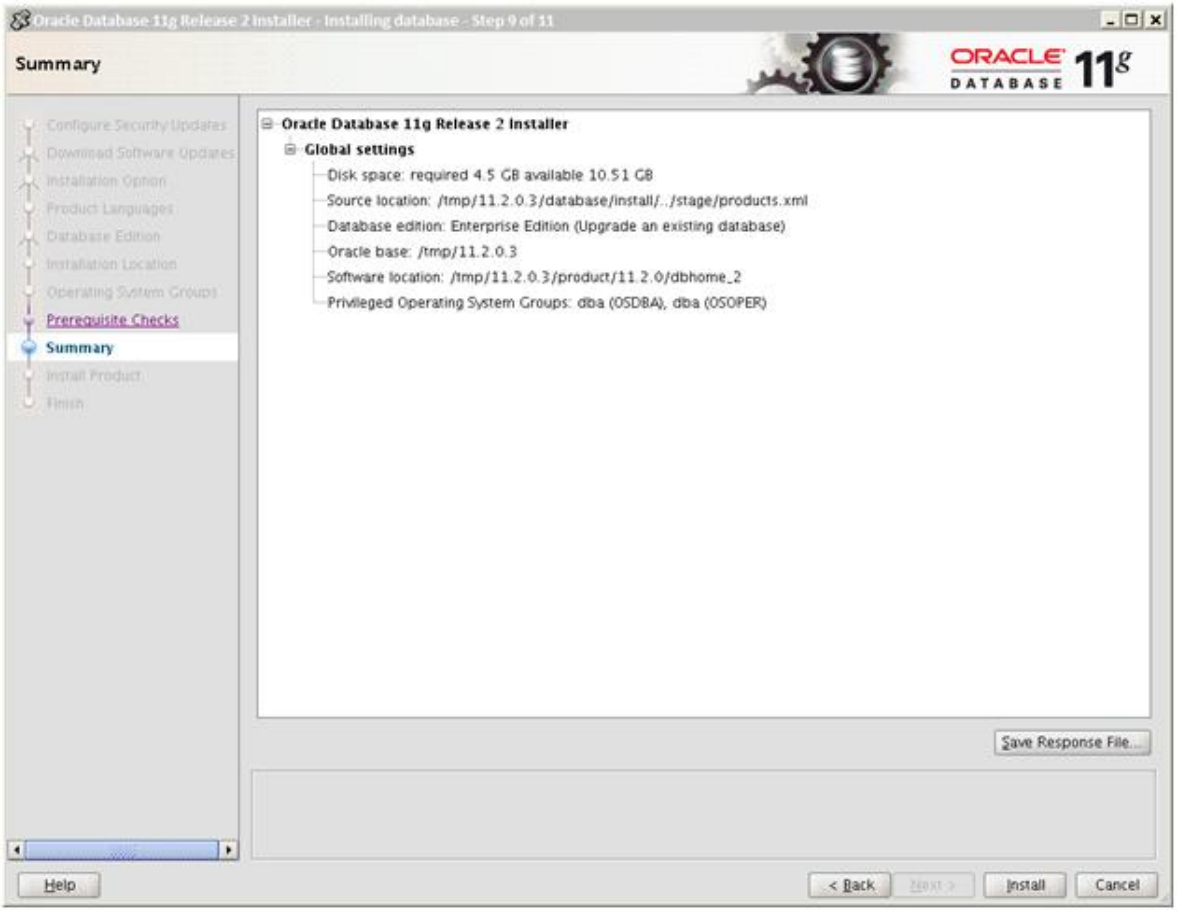


12. Click OK.

    If all prerequisites checks are successful, the Summary screen appears.

Note If any of the prerequisites are not met, the failed check will be displayed in the Perform Prerequisite Checks screen. They need to be resolved before you can continue.

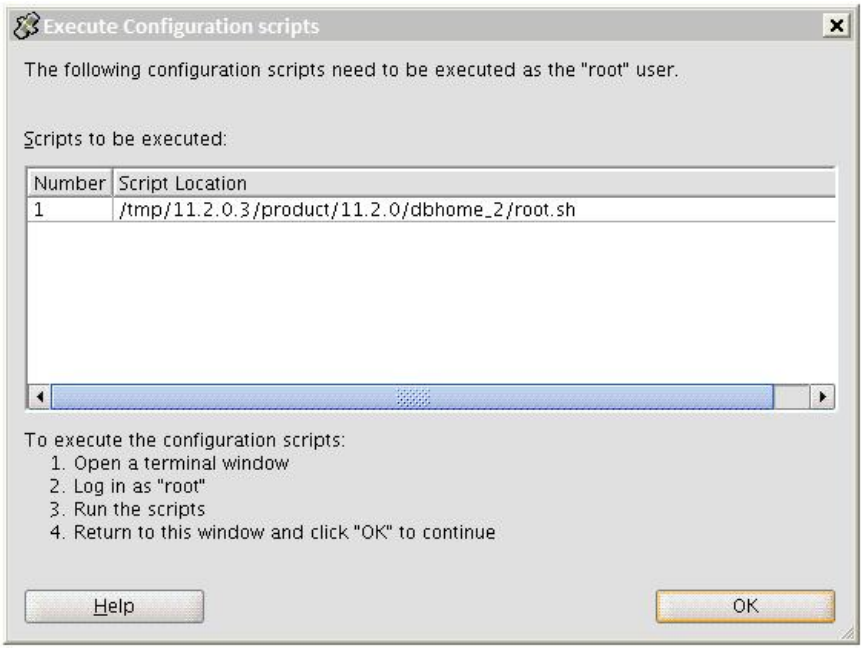
Note On Windows, the directory paths and the required space are different.



13. Review the global settings and click Install.

    The Execute Configuration scripts screen appears at the end of the installation.

Note The Execute Configuration script screen appears only on Unix/Linux. On Windows, no script is run at the end of the installation.



14. Follow the instructions in this screen to execute the configuration scripts.

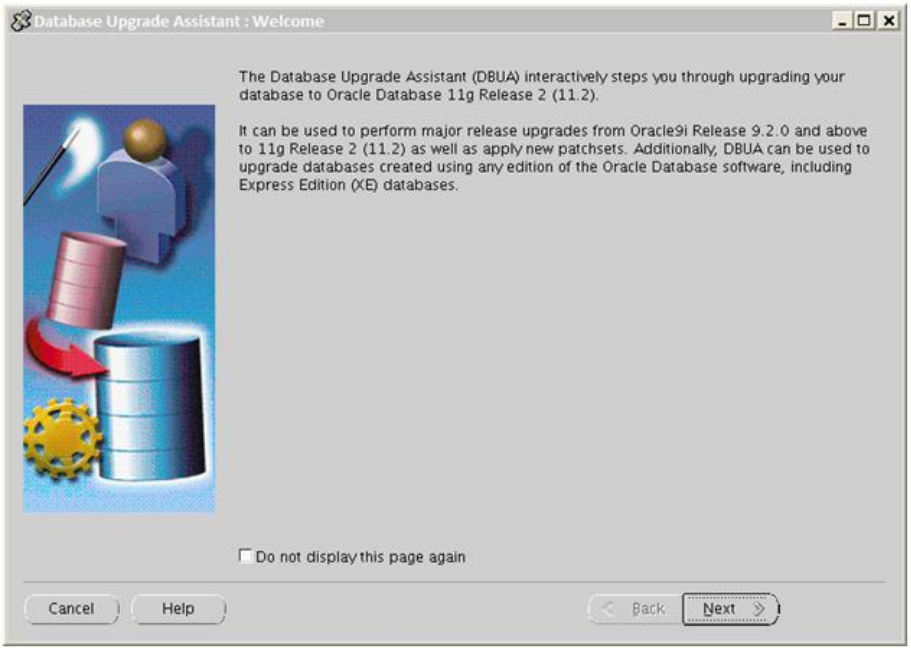
15. Click OK.

Note After installing 11.2.0.3 Oracle Universal Installer, the database will be upgraded and to the new 11.2.0.3 Oracle home attached.

The Oracle Net Configuration Assistant: Welcome screen appears.

16. Select Perform typical configuration and click Next.

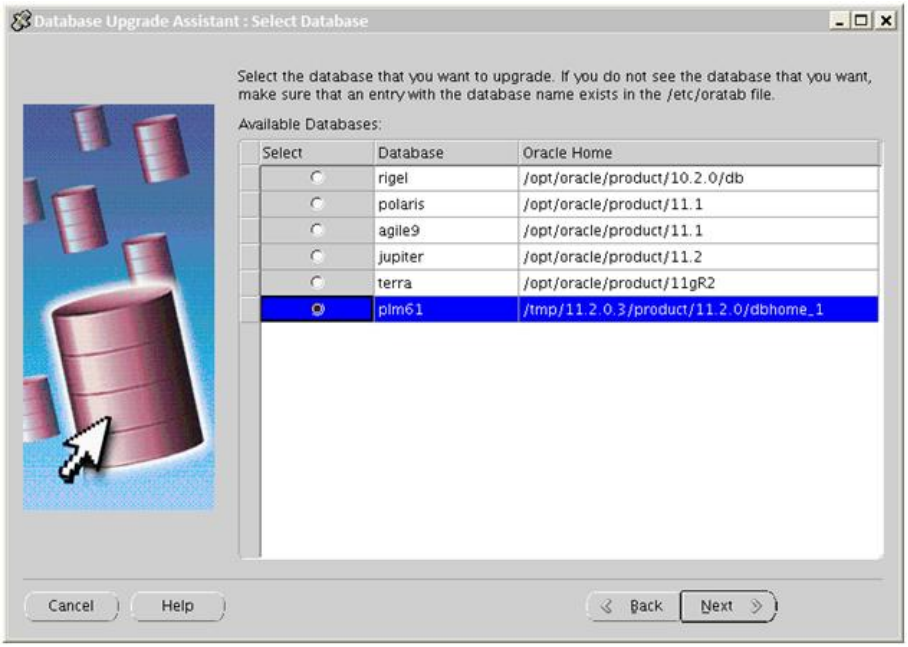
    The next screen appears.



17. Click Next.

    The Database Upgrade Assistant: Select Database screen appears.

    Here, all databases found on the respective machine are listed.

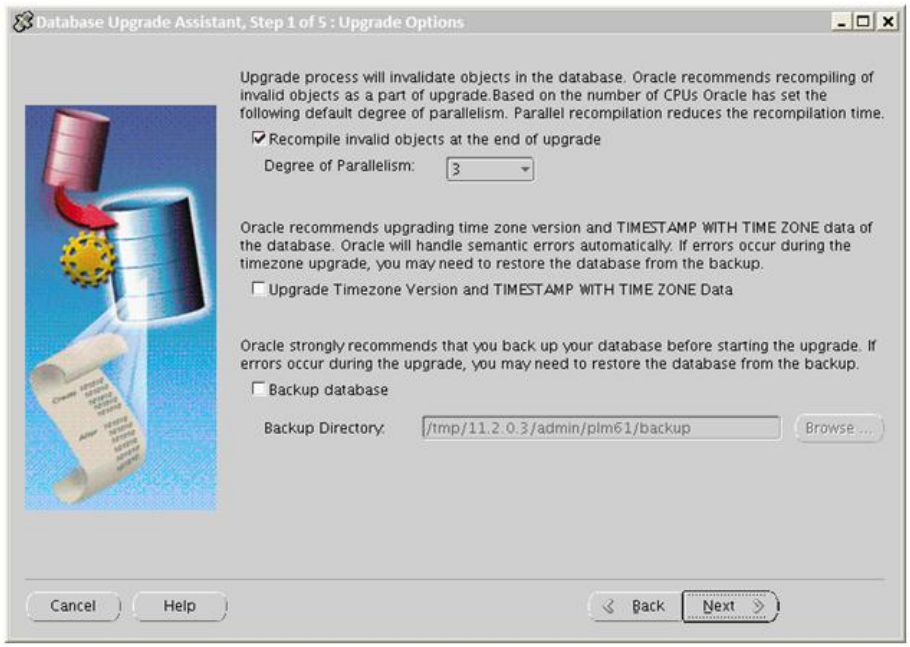


18. Select the database you would like to upgrade to 11.2.0.3 and click Next.

    A warning is displayed.

19. To continue, click Yes.

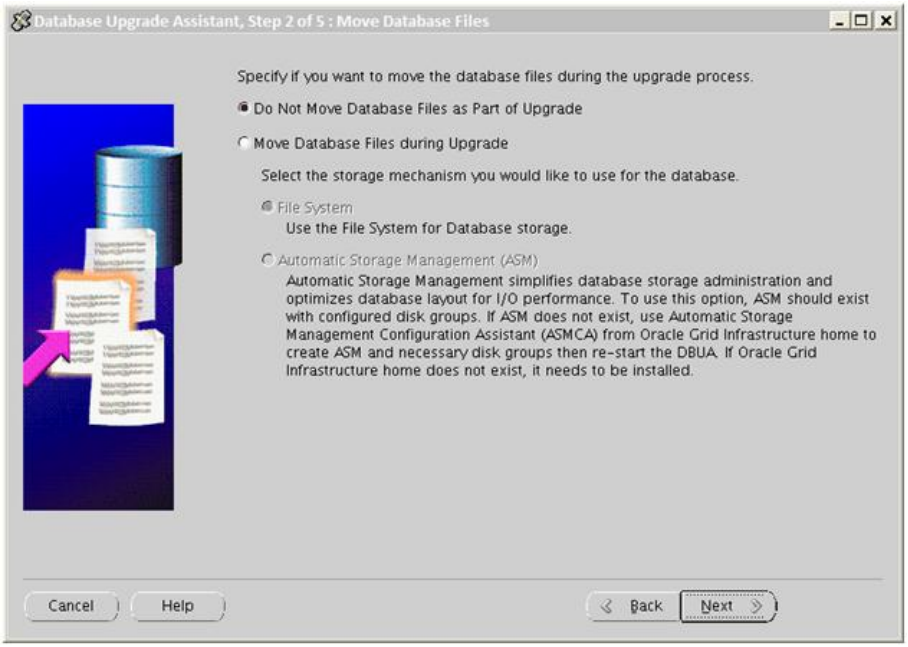
    The Database Upgrade Assistant, Step 1 of 5: Upgrade Options screen appears.



20. Select Recompile invalid objects at the end of upgrade and click Next.

    Oracle sets the default degree of parallelism based on the number of CPUs.

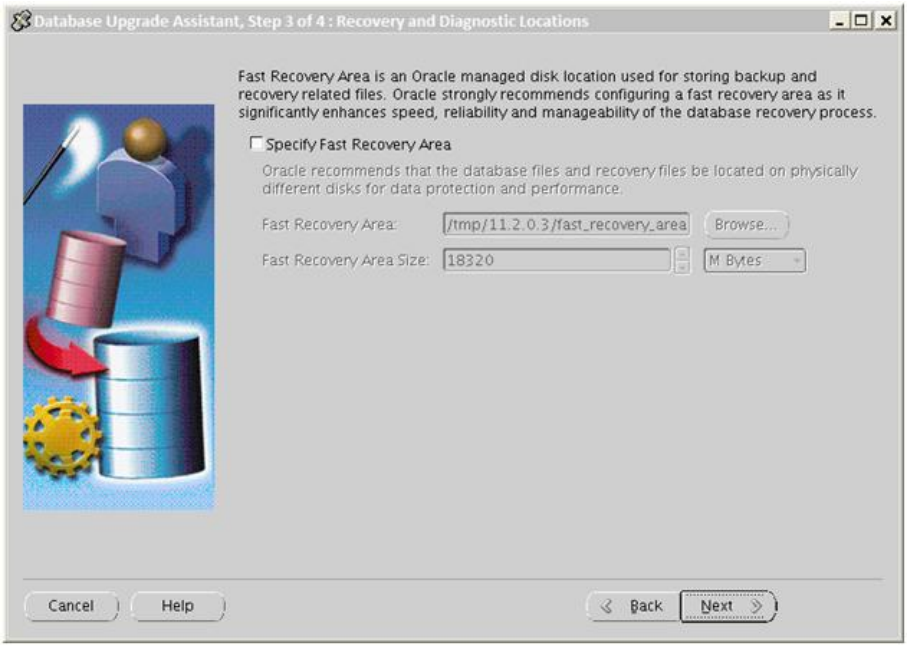
    The Database Upgrade Assistant, Step 2 of 5: Move Database Files screen appears.



21. Select Do Not Move Database Files as Part of Upgrade and click Next.

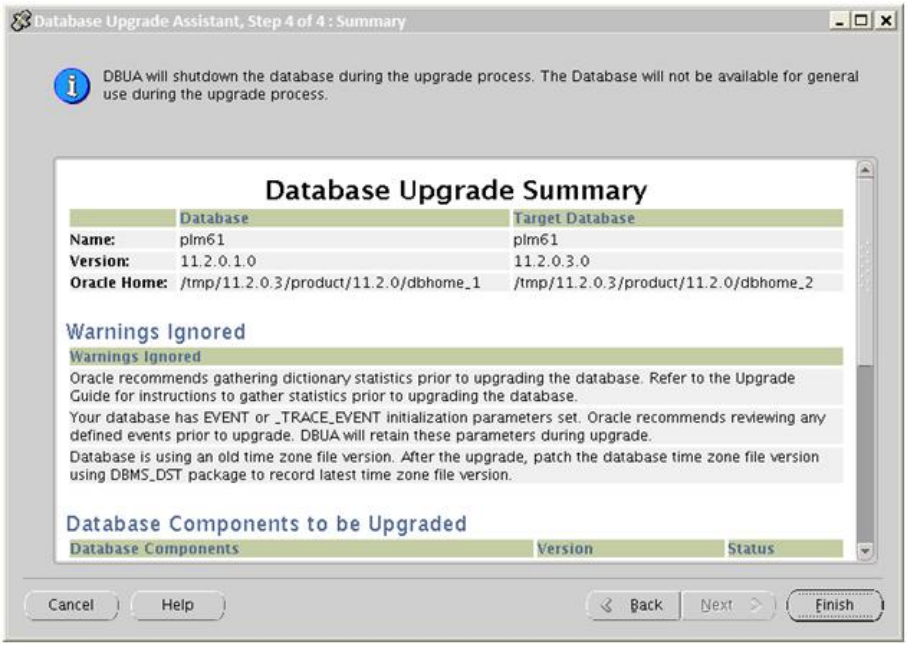
Note In case that database files need to be moved during the upgrade process (e.g. the upgraded database has to be in a different directory), the option Move Database Files during Upgrade has to be selected. For further information about this option, please refer to the Oracle Database Upgrade manual (http://docs.oracle.com/cd/E11882_01/server.112/e23633/toc.htm).

The Database Upgrade Assistant, Step 3 of 4: Recovery and Diagnostic Locations screen appears.



22. Unselect Specify Fast Recovery Area and click Next.

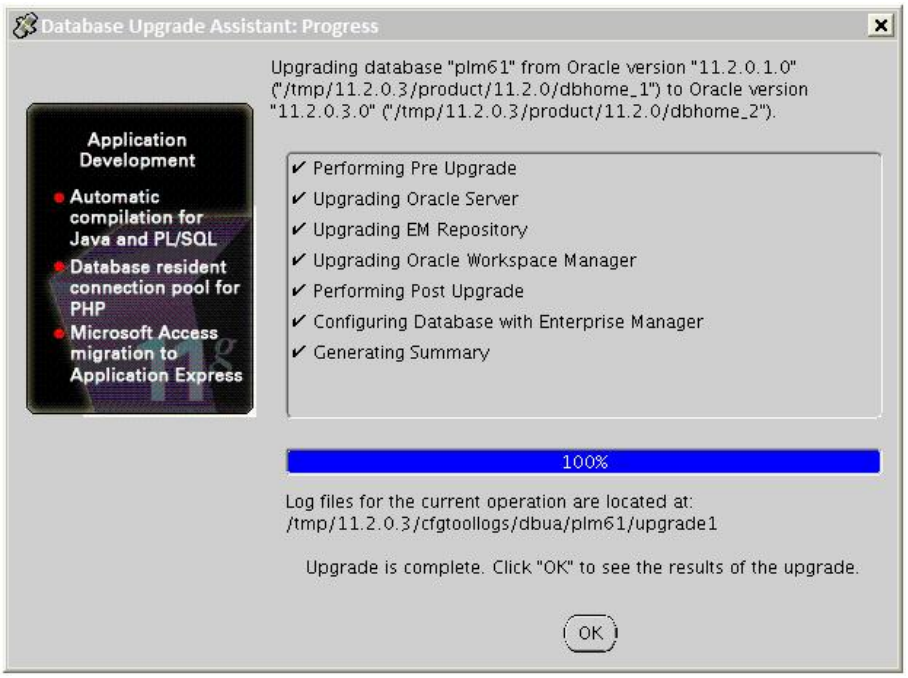
    The Database Upgrade Assistant, Step 4 of 4: Move Database Files screen appears.



23. Review the Database Upgrade Summary and click Finish.

    The database upgrade is in progress.

The Database Upgrade Assistant: Progress screen appears.



24. To see the results of the upgrade, click OK.

    The Database Upgrade Assistant: Upgrade Results screen appears.

25. Review the upgrade results and click Close.

    The Finish screen appears.

26. To finish the upgrade of the Oracle Database, click Close.

Chapter 4

Upgrading the Database Client

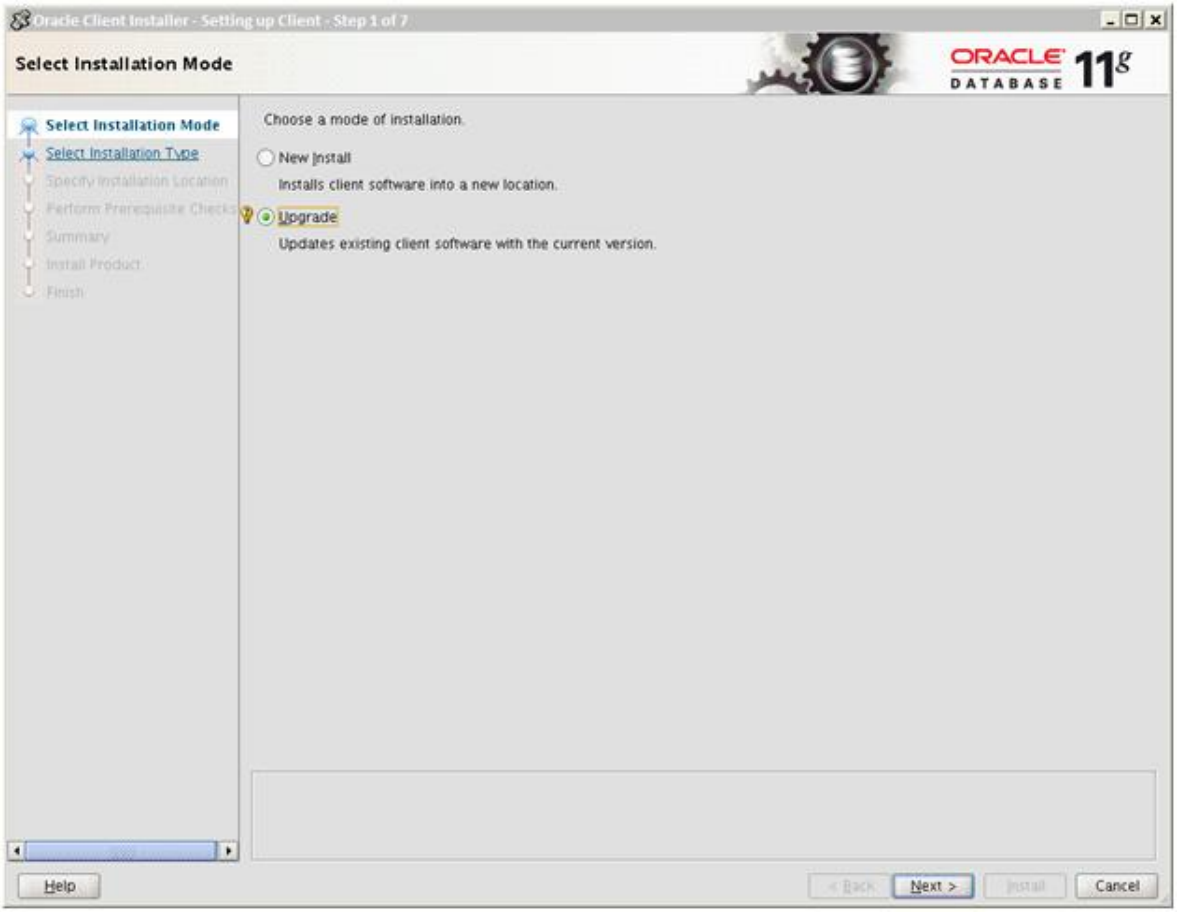
Note For every Agile e6 application you have to upgrade the Database Client software as described here.

1. Start the 11.2.0.3 Oracle Universal Installer from the Database 32bit client package with the following command:

   ./runInstaller

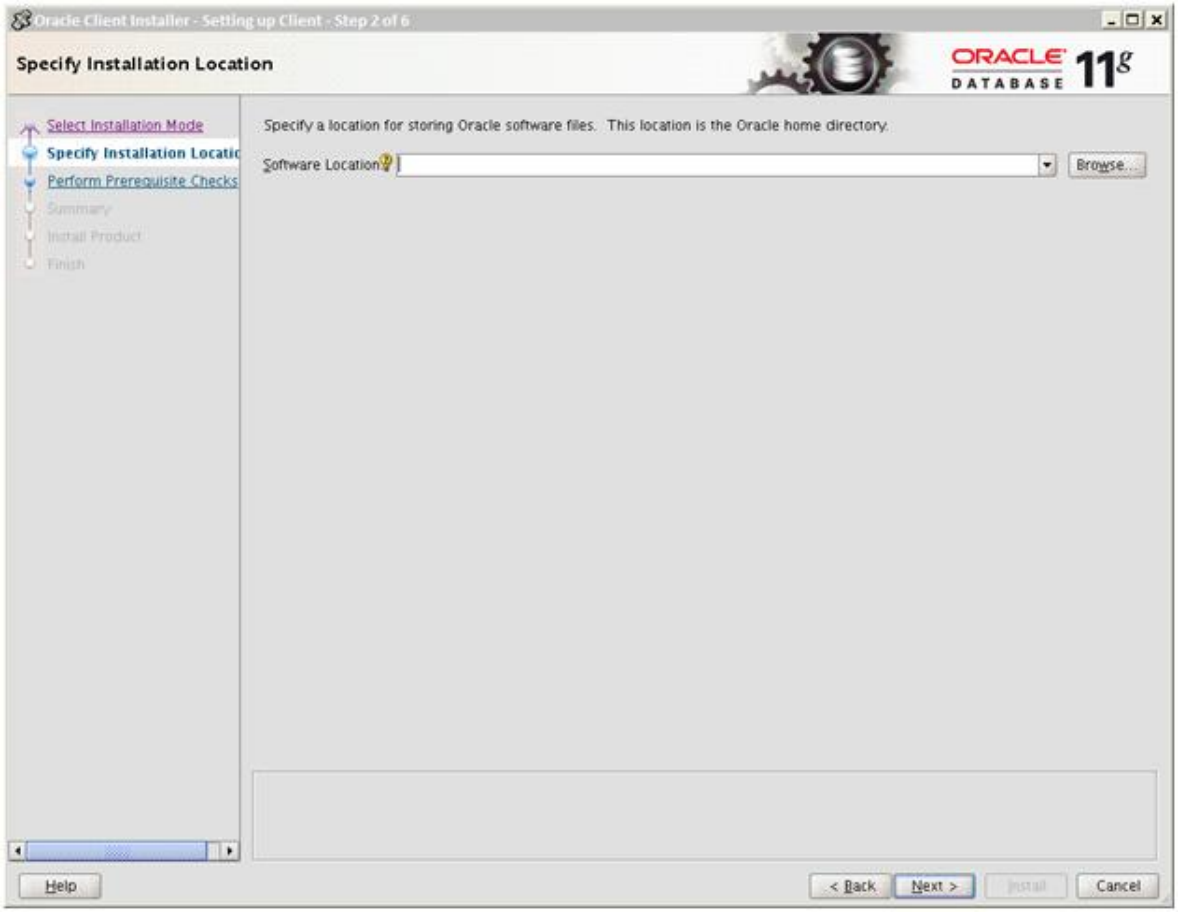
   Note On Windows, setup.exe has to be started.

   The Select Installation Mode screen appears.



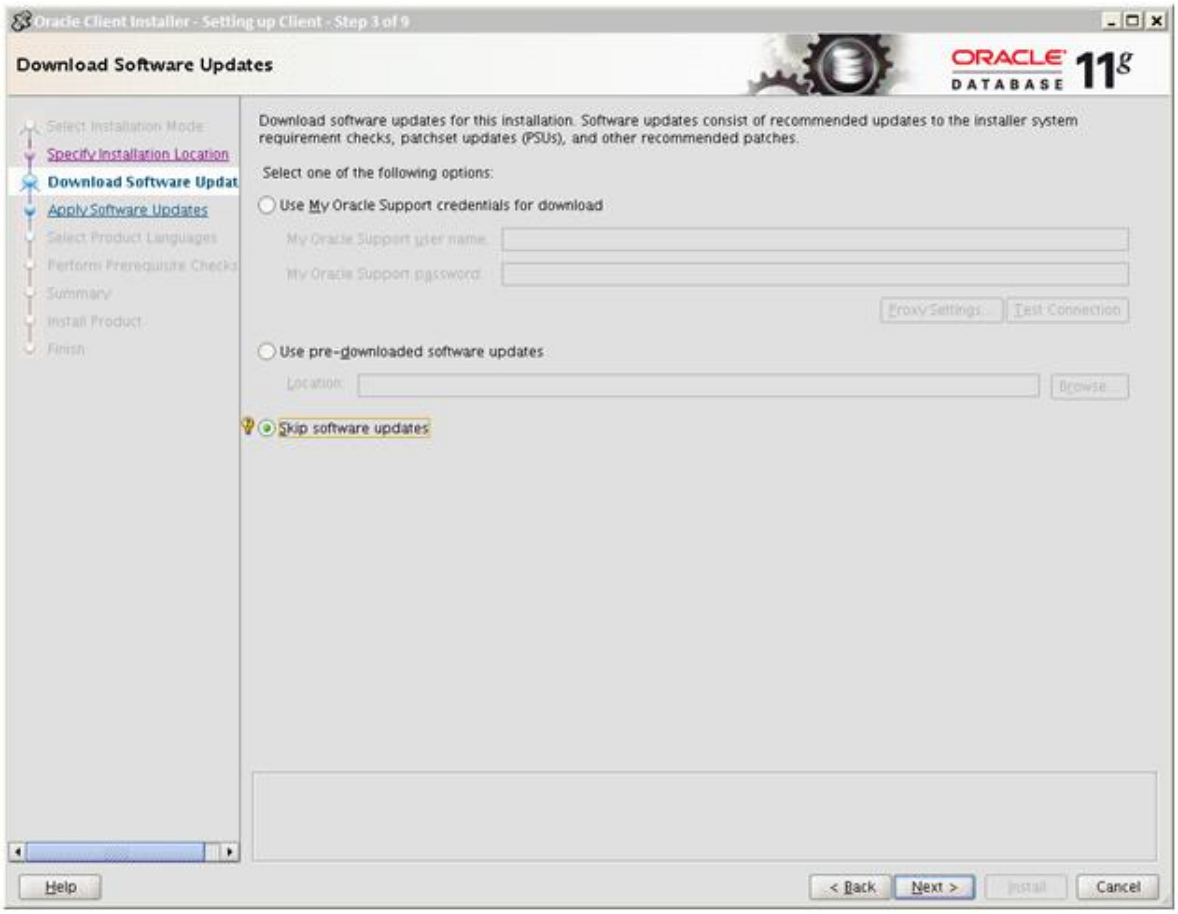
2. Select Upgrade and click Next.

The Specify Installation Location screen appears.



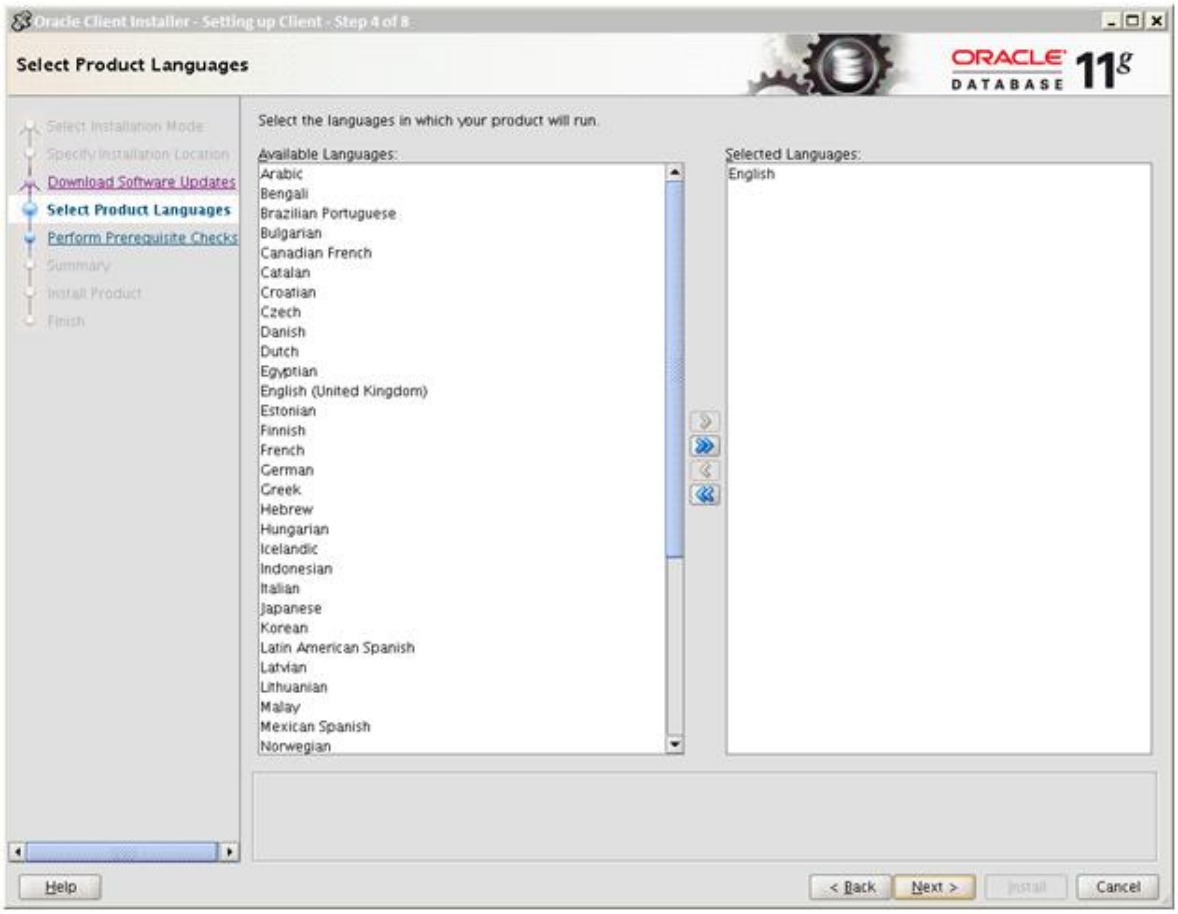
3. Specify the existing Oracle home to be upgraded to 11.2.0.3 and click Next.

   The Download Software Updates screen appears.



4. Select Skip software updates and click Next.

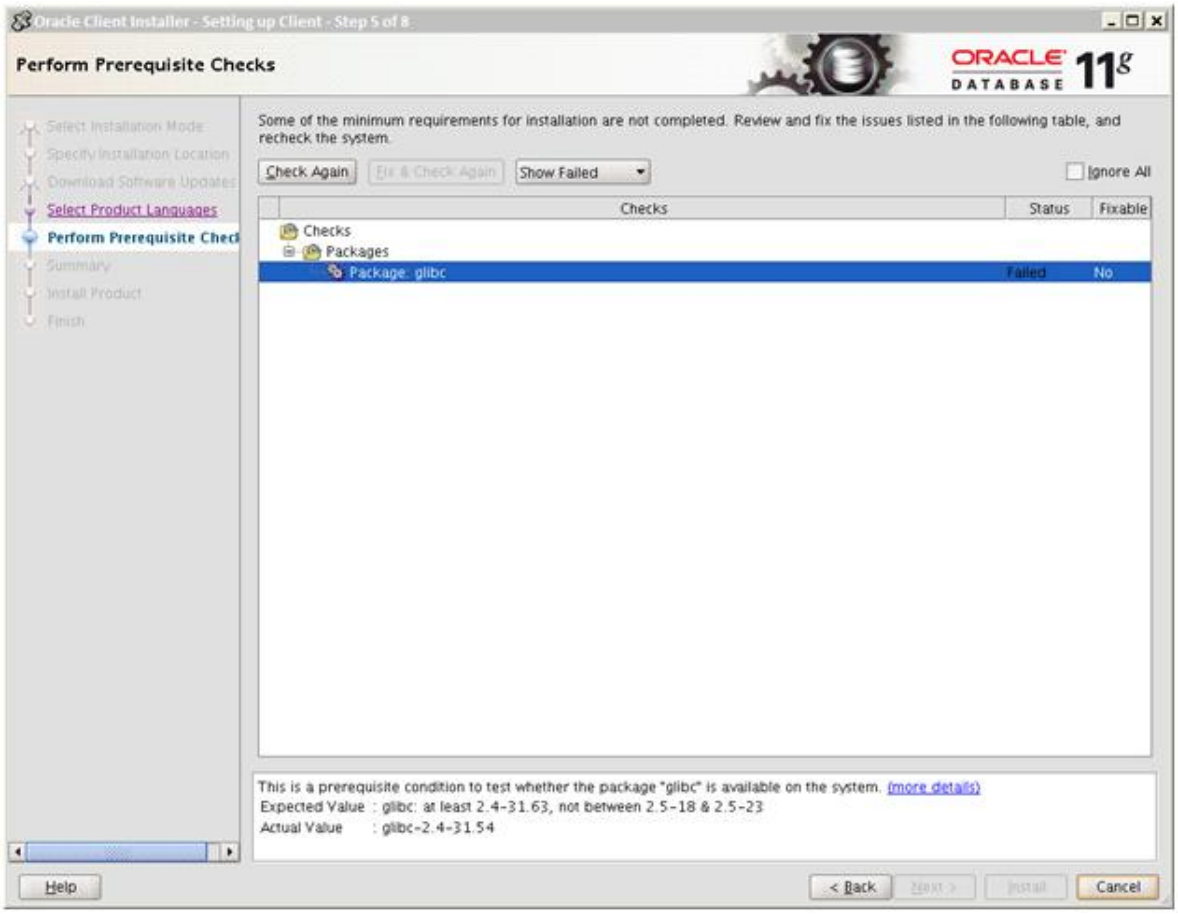
   The Select Product Languages screen appears.



5. Copy English, as the language in which your product will run, into the Selected Languages pane and click Next.

   The Perform Prerequisite Checks screen appears.

Note On Windows, the Perform Prerequisite Checks screen lists different checks (e.g. no Kernel parameter/packages by Win OS).



Note If any of the prerequisite are not met, the Installer will list all failed checks, together with actual and expected values.

6. Fix and check them again.

Note The Oracle Universal Installer can generate fixup scripts for some of the failed prerequisites by clicking the Fix & Check Again button.

You can also run the fixup script as a root user to complete the required pre-installation steps.

7. Click Next.

   The Summary screen appears.

Note On Windows, the directory paths and the required space are different.

8. Review the global settings and click Install.

   The installation can take some time.

9. In the Finish screen click Close to exit the Oracle Universal Installer.

Chapter 5

Software Patch Upgrade

Note This instruction is for Agile e6 native and J2EE components.

Preparations

1. From the old installation, stop all WebLogic domains.

   This has to be done with the WebLogic server console:

   1. Log on to the WebLogic server Administration console.
   2. In the Domain Structure pane on the left, select Domain > Environment > Servers.
   3. Click on button Shutdown > Force Shutdown Now and confirm with Yes.

   Note These steps have to be repeated for all domains.
   The eSeries-01 server has to be stopped before stopping the AdminServer.

2. From the old installation, stop the WebLogic Node Manager.

   - On Windows: Stop the corresponding service.
   - On Unix: Stop the Node Manager process with the “kill” command.

3. From the old installation stop all Agile e6 server processes.
4. Backup the old <ep_root> directory of the Agile e6 server.
5. Backup the following directory:

   Windows: %ALLUSERSPROFILE%\agile

   Unix: ${HOME}/agile

6. Install the new WebLogic 10.3.5 software and configure the Node Manager.

   Note For further information please refer to the Installing Oracle WebLogic for Agile e6.1.2.2 manual.

   We strongly advise to choose a complete new Middleware Home directory for the new WebLogic server and leave the old Middleware Home as is. Otherwise, do a complete uninstall of the old WebLogic server with all its directories.

Note For a J2EE upgrade, the new Node Manager has to be configured already. If the Node Manager is not configured, the upgrade will fail.

Requirements

Note A complete list of all requirements can be found in the Prerequisites Guide for Agile e6.1.2.2

Windows

The cmd shell has always to be started with Run as administrator even if you are doing the installation as the Administrator User.

To open the cmd shell with Run as administrator, do the following:

1. Select Start > All Programs > Accessories > Command Prompt**.**
2. Select Run as administrator from the context menu.

   The *User Account Control* Window appears.
3. Apply the needed credentials if asked and select Yes/Continue to go ahead.

   The *Windows cmd* shell appears. This is the shell you have to use for the upgrade task.
4. Set the JAVA_HOME environment variable to the installed Java Runtime environment. This has to be a **32Bit** Java6 runtime.
5. Set the ORACLE_HOME environment variable to the installed Oracle Database Client directory if you are going to upgrade the dump with the Agile e6 gui installer.
6. Extract the downloaded installation file.
7. Change to the Installer directory …\installer.

   ```
   cd <installation-media-path>\installer.
   ```

   1. Enable Trace (optional)

      If you want to have detailed trace messages for the upgrade process, the following environment variables have to be set:

      Note Please be aware that the tracing output may contain your passwords that you apply during the installation.

      Note The path to the log files has to exist and the installer directory is writeable for the User who starts the installation.

```
set plm_ant_loglevel=4
set plm_ia_stderr=C:\temp\iastderr.log
set plm_ia_stdout=C:\temp\iastdout.log
```

8. Enter the following command to start the Agile e6 installer for upgrading the Agile e6 native and/or J2EE components.

```
gui.cmd
```

Note Continue with section Upgrade.

Unix

1. Log in as installation user.
2. Set the JAVA_HOME environment variable to the installed Java Runtime environment. This has to be a **32Bit** Java6 runtime.
3. Set the ORACLE_HOME environment variable to the installed Oracle Database Client directory if you are going to upgrade the dump with the Agile e6 gui installer.
4. Extract the downloaded installation file.
5. Change to the Installer directory …/installer.

```
cd <installation-media-path>/installer.
```

1. Enable Trace (optional)

   If you want to have detailed trace messages for the upgrade process, the following environment variables have to be set:

   Note Please be aware that the tracing output may contain your passwords that you apply during the installation.

   Note The path to the log files has to exist and the installer directory is writeable for the User who starts the installation.

```
setenv plm_ant_loglevel 4
setenv plm_ia_stderr ${HOME}/tmp/iastderr.log
setenv plm_ia_stdout ${HOME}/tmp/iastdout.log
```

6. Enter the following command to start the Agile e6 installer for upgrading the Agile e6 native and/or J2EE components:

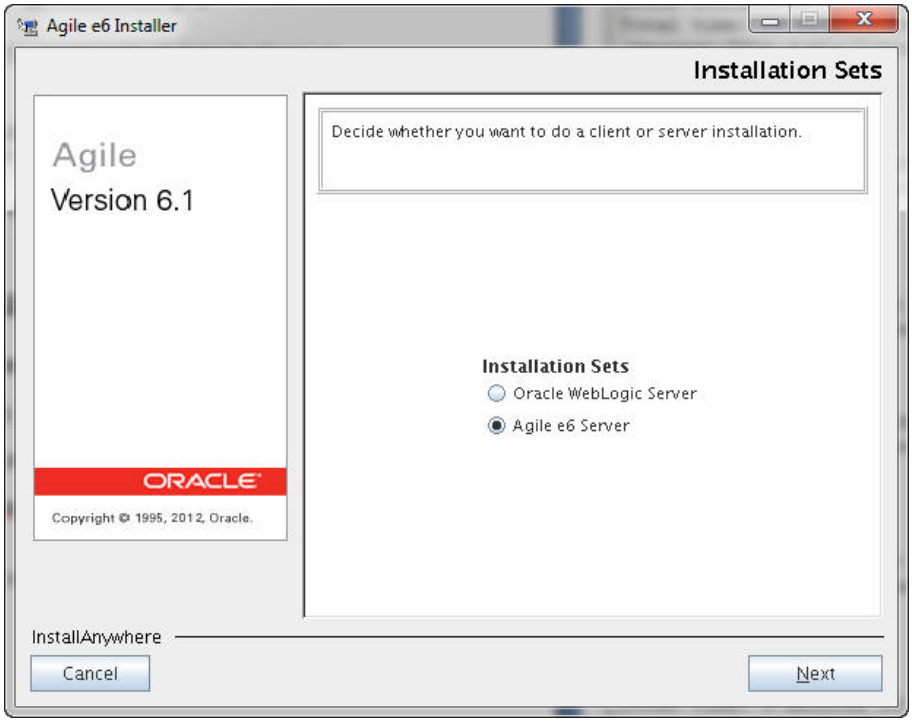
```
./gui.csh
```

Upgrade

Note All customizations to the Admin client will be lost during the upgrade process. We strongly recommend backing up all customizations to the Admin client before performing the upgrade and reapplying them when finished.

Note During the upgrade process, the Admin client password will get reset and needs to be changed after completing the upgrade. For further information, please refer to the Administration Manual for Agile e6.1.2.2 > Administering Agile e6.1.2.2 > Changing the Password.

1. The *Installation Sets* screen appears.

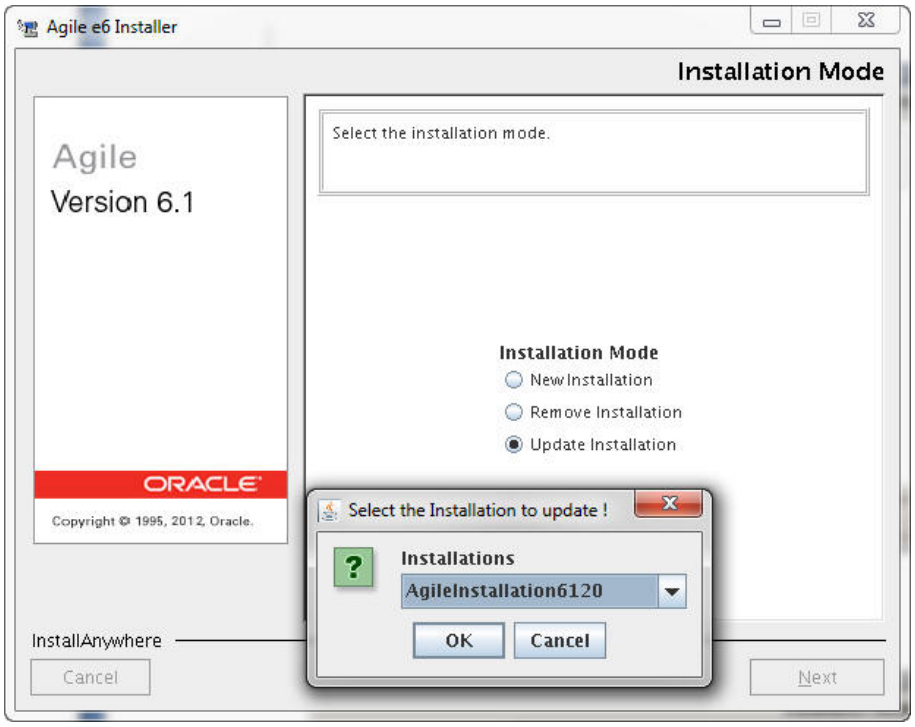


2. Select **Agile e6 Server** and click Next.

   The Installation Mode screen appears.

3. Select the **Update Installation** and click Next.

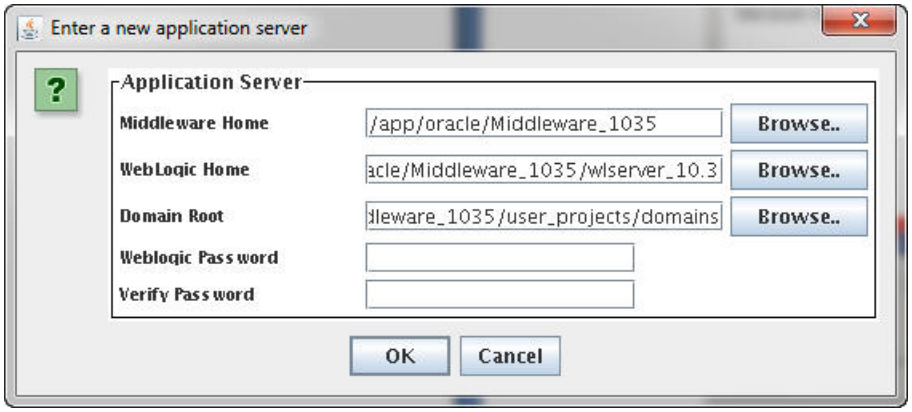
   The **Select the Installation to update!** screen appears.



4. In the Select the Installation to update screen, select the application installation which you want to upgrade.

5. Click OK.

   The **Enter a new application server** screen appears.



6. Insert definitions for the newly installed WebLogic server and the WebLogic password for all WebLogic domains.

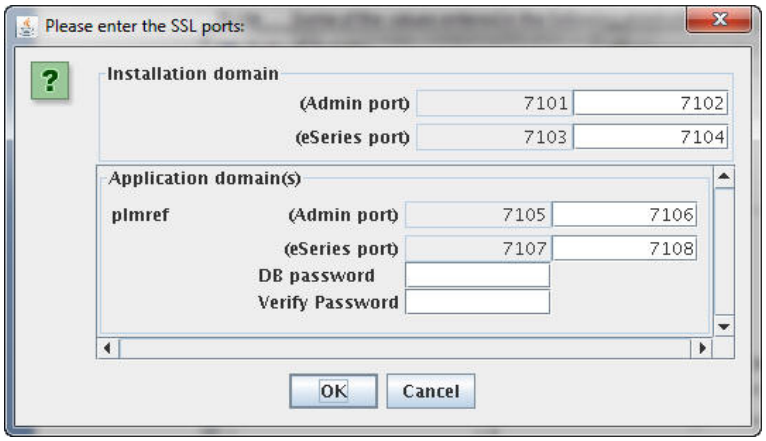
Note The entered WebLogic password will be the same for all installation and application domains. It can be changed after the upgrade with the WebLogic console.

Note The pre-entered values are values of the previously installed WebLogic server and need to be updated to the newly installed WebLogic server. WebLogic 10.3.5 is used for the Agile e6.1.2.2 components.

7. Click OK.

   Some basic checks are performed to ensure that the WebLogic Home directory exists, the WebLogic version is correct, and the WebLogic Node Manager is configured correctly.

   The **Please enter the SSL ports:** screen appears.



Note SSL was not enabled during the e6.1.2.0 or e6.1.2.1 WebLogic domain installation so a new free TCP port number has to be entered for the e6.1.2.2 WebLogic domain where SSL is now activated by default.

8. For every application of the selected installation, enter the new SSL port information of the WebLogic domain(s) and enter the existing database password for the Agile e6 application(s).

9. Click OK.

   The following checks are performed:

   - Ports are not used
   - No duplicated port is defined
   - Ports are in the range between 1 and 65535
   - The database password is valid

   The Select the application for the dump upgrade screen appears.

10. Select the application(s) for which you want to perform a dump upgrade.

Note The dump upgrade can be executed manually. For further information, please refer to the chapter Dump Upgrade of a Single Application.

If you have select an application for a dump upgrade, check the dump upgrade log files after the patch upgrade finished. Please refer to the Appendix chapter for more information on these log files.

Additional Information on the Upgrade Process

The following describes the upgrade process once you clicked OK in the last screen and will be done in the following order:

1. During the upgrade, the installer directory, including the AdminClient, will be upgraded.
   - Windows: %ALLUSERSPROFILE%\agile\installer\6.1.2
   - Unix: ${HOME}/agile/installer/6.1.2
2. If the Agile e6.1.2.0 installation was not a J2EE only installation, the Agile e6 native software will be upgraded.
3. If the Agile e6.1.2.0 installation also was a J2EE installation, the new WebLogic domains for all applications of the selected installation will be created.

   Note Creating the WebLogic domains can take a long time; depending on the OS, up to 2 hours for each application.

4. If the Agile e6.1.2.0 installation also contained an Agile e6 server, and the application(s) was (were) selected in the **Select the application for the dump upgrade** screen, the dump upgrade is performed.

Chapter 6

Dump Upgrade of a Single Application

This section describes how to carry out the patch upgrade on a single application.

During the patch upgrade with the gui installer, selected applications associated to your installation can be updated. But the upgrade with the gui installer can only be started once for an installation and no further dump upgrades can be done with the gui installer.

A patch upgrade of a single application means that only one database schema will be changed. No software changes will be performed. This can be used to upgrade a specific application in advance to verify if there occur errors during the database patch upgrade.

1. Open a shell and change to the following directory:

   Windows: <installation-media-path>\installer\tools\dumpupgrade6120\cmd

   Unix: <installation-media-path>/installer/tools/dumpupgrade6120/scripts

2. Execute in cmd shell (Unix: csh shell):

   set JAVA_HOME=<JAVA6_HOME> (Unix: setenv JAVA_HOME =<JAVA6_HOME>)

   set ORACLE_HOME=<ORACLE_HOME> (Unix: setenv ORACLE_HOME=<ORACLE_HOME>)

   patchupgrade.cmd(.sh) <ep_root> <application> > patchupgrade.log

   Examples:

   - Windows:

   patchupgrade.cmd c:\plm plmref > patchupgrade.log

   - Unix:

   patchupgrade.sh /app/plm612 plmref > patchupgrade.log

3. After the patch upgrade, check the log files (see Appendix).

Chapter 7

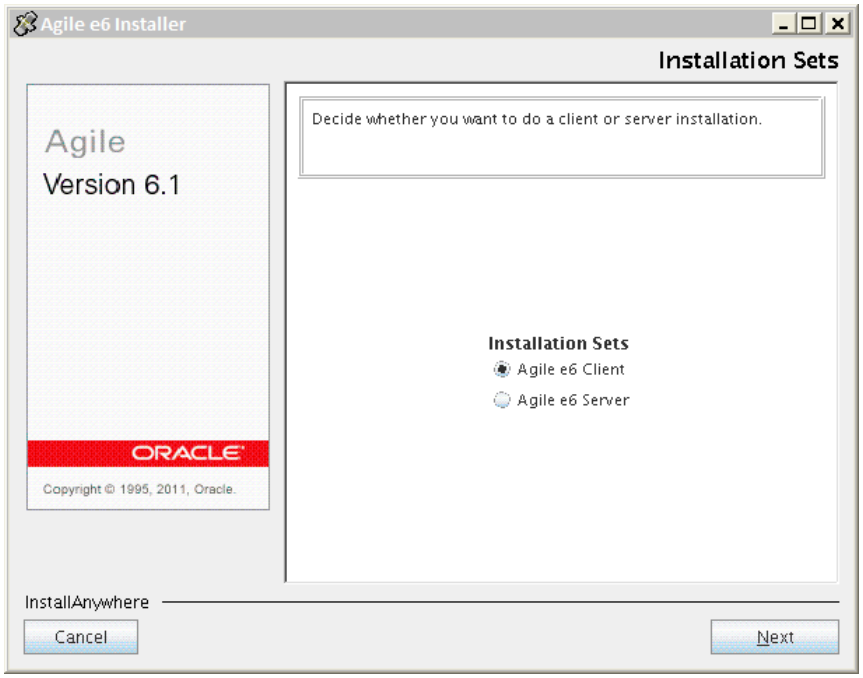
Upgrading the Agile e6.1.2 Client

To update the native Client installation:

1. Extract the downloaded installation file.
2. Log in with your e6.1.2 installation user.
3. Open a cmd shell on Windows.
4. Change to the Installer directory …\installer.
5. Set JAVA_HOME

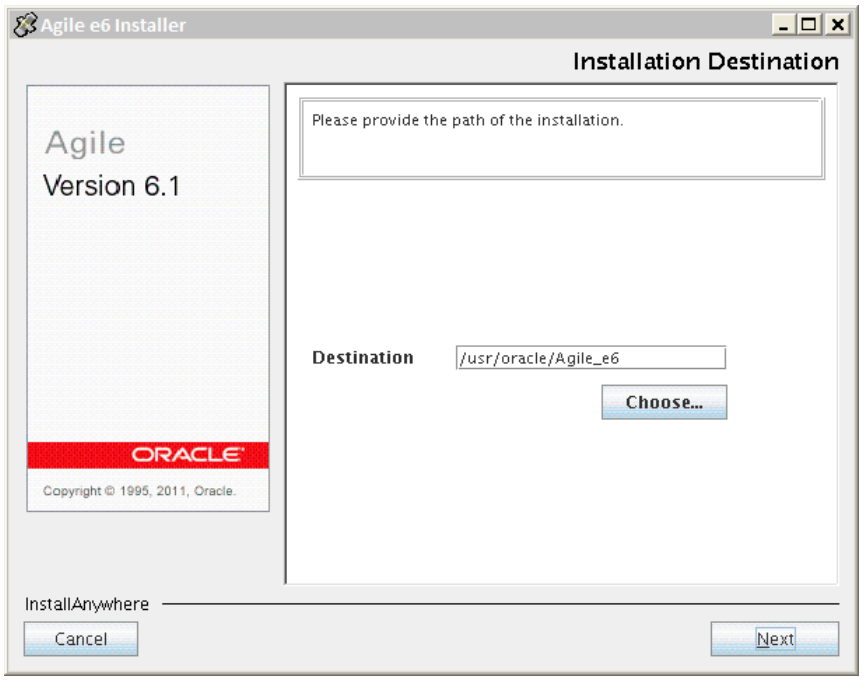
   e.g. Windows: set JAVA_HOME= C:\Program Files\Java\jre6
6. To start the installer, execute “gui.cmd”.

   The *Installation Sets* mask opens.



7. Select Agile e6 Client and click Next.

   The Client *Installation Destination* mask opens.



8. Select the destination where you want to install the native JavaClient.

   The previously installed JavaClient for e6.1.2 will be removed and replaced.

9. Click Next to start the installation.

Agile Client Silent Install/Update

For a detailed description of the silent installation, refer to the Agile e6.1.2.2 Installation Manual for Windows Client.

1. Unpack <*installation_package_root*>*packages\intel-ms-nt5.1\clientjavamsi.zip*.

   The file **JavaClient.msi** can be found in the directory *axalant\bin\intel-ms-nt5.1*.

2. Execute the silent installation for the Java client:

   Example:

   ```
   msiexec /qb /i JavaClient.msi ALLUSERS=2 JAVA_HOME="C:\Program
   Files\Java\jre6" TARGETDIR="C:\Program Files\Oracle\Agile Java Client"
   ```

Chapter 8

Upgrading a DFM location

On a DFM location are several components installed to optimize the file transfer or download times. This chapter describes how these components can be upgraded.

Requirements

- The latest Tomcat version 6 with Java 1.6 has to be installed on the DFM site(s) server.
- Deployed Agile e6 J2EE installation including the latest patch on the central server.
- Fully extracted Agile e6 package from Oracle Software Delivery Cloud on the DFM site(s) server.

Prerequisites

Note The central Agile e6 J2EE installation has to be upgraded first before continuing with the following steps.

1. Stop the Tomcat server on the DFM site(s).
2. Make a backup of the following files on the DFM site(s):
   - <tomcat_root>/webapps/VueLink/WEB-INF/classes/webautovue.properties
   - <tomcat_root>/webapps/FileService/WEB-INF/classes/webfms.properties
   - <tomcat_root>/webapps/Jacc/jacc.defaults
3. On the DFM site(s), remove the following directories if they exists below the directory <tomcat_root>/webapps/:
   - FileService
   - JVue
   - VueLink
   - Jacc

4. Copy the following files from the Agile e6 J2EE installation on the central server from the directory **<ep_root>/staging/deploy** to the DFM site(s) server into the directory **<tomcat_root>/webapps**.

   - Web File Service (FileService.war)
   - AutoVue Viewer (JVue.war)
   - AutoVue integration with included AutoVue Viewer (VueLink.war)
   - Java Client (Jacc.war)

   Note With Agile e6.1.2.2 the AutoVue components are upgraded to Version 20.1.1.

Update of FMS Services

Note The following steps have to be executed on the DFM site(s).

1. Shutdown the File Server service.
2. Execute the normal Software Patch Upgrade, which will upgrade the Fileserver.

   Note If you have to manually update the fileserver binaries on Unix, please refer to the installation documentation – “Installing Agile e6.1.2.2 on UNIX Server”.

Updating the Deployed Applications

Note The following steps have to be executed on the DFM site(s)

1. Start the Tomcat server which will deploy the applications.
2. Restore the backup of the following two files:

   - <tomcat_root>/webapps/VueLink/WEB-INF/classes/webautovue.properties
   - <tomcat_root>/webapps/FileService/WEB-INF/classes/webfms.properties

3. Apply all changes, including for EP_DDM_SITE, from the backup of the following file:

   - <tomcat_root>/webapps/Jacc/jacc.defaults

   Note A new configuration parameter was added for Agile e6.1.2.2: EP_PVM_SITE

   Refer to the **Admin Guide - Java Client DFM Side Definition** for more information on how to configure the Java Client DFM settings.

4. Stop and restart the Tomcat server to activate the changes.

Chapter 9

Appendix

Additional Upgrade Information

The following information describes the background process running during the database dump upgrade.

The database upgrade is based on a standard Agile upgrade tool and has the following directories:

- JAR archive
- SQL scripts
- Pre-configured XML control files

Note All changes will be saved directly in the dump.

Note For the patch upgrade, no reference dumps are needed. Therefore, pre-configured XML control files for delete, insert and update actions are delivered with the upgrade package. During the execution of these files the conflict recognition helps to locate possible weak points.

Since the patch upgrade runs in silent mode, the whole procedure is combined in a single shell script. After calling this script, SQL files are executed on the specified dump and data modifications will be made through a JDBC driver.

The following steps are executed during the database dump patch upgrade:

1. Parameters are passed to the application ep_root path, environment name, host name, port number and SID of the Oracle database.
2. Repository update with previously generated (delivered with the package) XML control is executed. During this update, conflicts are logged in an errors.log file.
3. The step “Synchronize repository” is executed to ensure the customer database dump has the new table and index structure.
4. The SQL script del_and_save_lvmodel_diff.sql will be executed, which deletes/saves logical models, which have to be re-inserted since these were modified in Agile e6.1.2.2.
5. All remaining configuration tables will be updated – similar to step 4.

6. Views, triggers, stored procedures, etc. must be recreated. This is possible with a cre_rep_edb_diff.sql script, which should be created for the Agile e6.1.2.2 dump. However, this script contains only objects that were changed since Agile e6.1.2.0. Additionally, a script where all database objects are included has also DDL statements available (cre_rep_edb.sql).

7. Finally, all objects are recompiled, and a list of all objects, still invalid in the schema, is stored in an invalid_objects.log file.

LogiView Upgrade

Some standard LogiView procedures are changed in Agile e6.1.2.2. The following list shows the affected logic models:

- Adds missing LGV system variables starting with EP_CPS_VRF_
- EP_APP/LoaDoc
- EP_GRP/GRP_ChkClaAttrBeforeDel
- GdmBatch/CrePdf
- GdmMask/CreFromTpl
- GdmMenu/DoPrint
- GdmOffice/GetAppName
- GdmProperty/GetDef
- GdmProperty/Ini
- GdmProperty/Put
- GdmProperty/UpdateList
- GdmProperty/Write
- GdmSystem/Update
- GdmTools/ChooseDialog

All existing LogiView logic models in the current database dump that contain the above-mentioned procedures will be deleted if they are identical. Otherwise, they will be renamed automatically.

The new logic models will be re-inserted. After the patch upgrade the renamed LogiView procedures have to be compared with the newly inserted procedures. If the previous changes

are still required, they have to be added manually.

Dump Upgrade Log Files

Log files are created and stored in a separate environment subdirectory. After the database dump upgrade is finished, these files have to be reviewed. Especially the errors.log file, to make sure that no conflicts occurred. If conflicts have occurred, manual dump adaptations have to be made.

- **Errors.log**: Contains all errors that occurred during the dump upgrade.

  The errors.log file points to the following log files:

  - Errordetail.los

    Contains technical information.

- Testconnection_**customer.log**: Check this log file for successful connection via SQL*Plus.
- dtv433-434.log: Check this log file for errors.
- Cre_rep_edb_diff*.log: Check that this script was executed successfully. Following errors can be ignored:

  - ORA-00001: unique constraint violated
  - ORA-00904: invalid identifier
  - ORA-00942: table or view does not exist
  - ORA-00955: name is already used by an existing object
  - ORA-01408: such column list already indexed
  - ORA-01418: specified index does not exist
  - ORA-01452: cannot CREATE UNIQUE INDEX; duplicate keys found
  - ORA-04080: trigger does not exist

- del_and_save_lvmodel_diff.log: Check which logic models were dropped / saved. Changes that were made during the save procedure must be re-implemented after the dump upgrade.
- db_defaults.log: Check this log file for errors.
- Invalid_objects.log: Check this file for invalid objects within the database dump.