




(Sign In/Register for Account | Subscribe) Oracle Websites ▾

secure search Technology Network 

PRODUCT CENTERS
TECHNOLOGY CENTERS
COMMUNITY

shortcuts

GETTING STARTED DOWNLOADS DOCUMENTATION FORUMS ARTICLES SAMPLE CODE TUTORIALS

 Printer View  E-mail this page  Bookmark

 Legal | Privacy

SELECT COUNTRY

[OBE Home](#) > [Database 10g](#) > [Single Instance](#) > [Installation](#) > Upgrade





Upgrading Your Oracle9i Database to Oracle Database 10g

Purpose

In this lesson, you learn how to upgrade your Oracle9i Database to Oracle Database 10g with the Database Upgrade Assistant.

Topics

This lesson covers the following topics:

-  [Overview](#)
-  [Prerequisites](#)
-  [Verifying the `SYSTEM` Tablespace](#)
-  [Upgrading Your Database with the Database Upgrade Assistant](#)

Viewing Screenshots



Place the cursor on this icon to display all the screenshots in the lesson. You can also place the cursor on each individual icon in the following steps to see only the screenshot that is associated with that step.

Overview



[Back to List](#)

Using the Database Upgrade Assistant, you will upgrade your Oracle9i Database to Oracle Database 10g.

Prerequisites

[Back to Topic List](#)

Before starting this lesson, you should have:

-  1. Completed the [Configuring Linux for the Installation of Oracle Database 10g](#) lesson
-  2. Completed the [Installing Oracle Database 10g on Linux](#) lesson

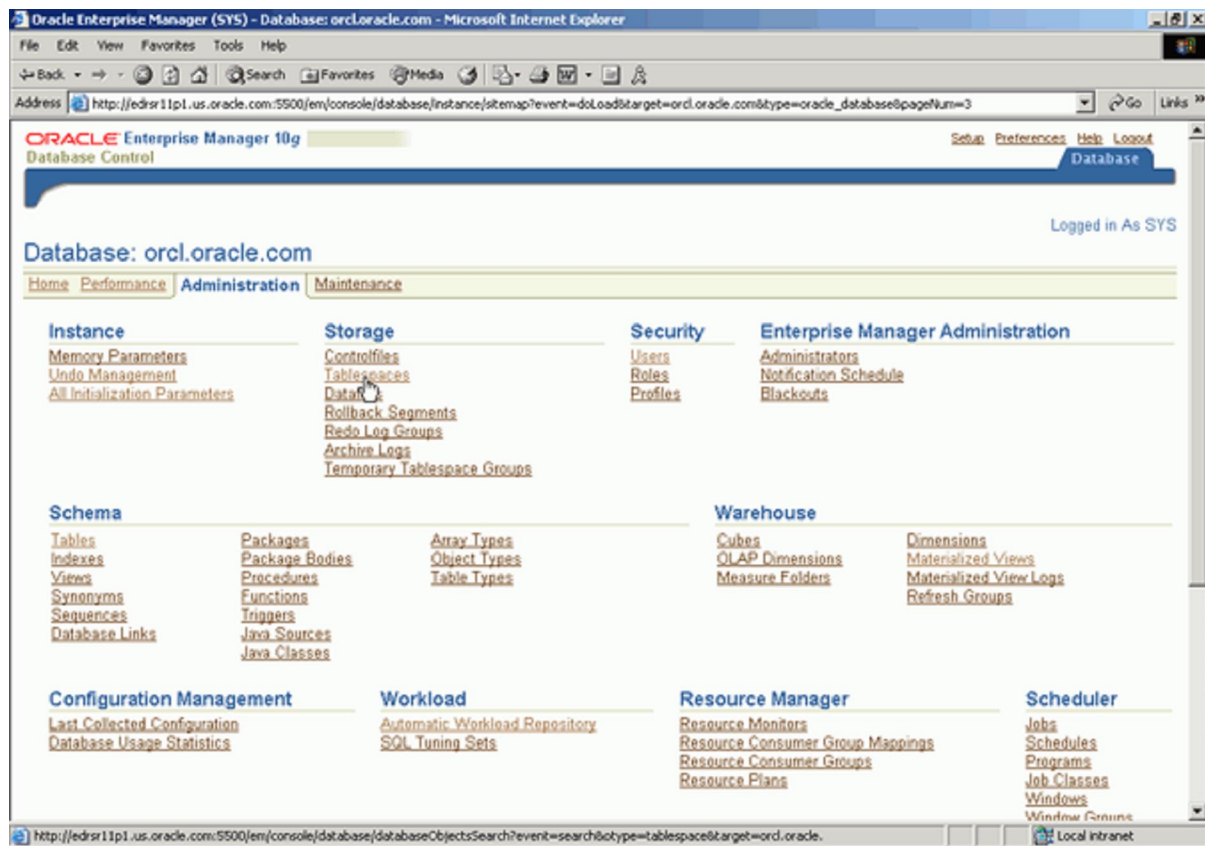
- 3. Completed the [Installing Oracle9i Database, Release 2 on Linux](#) lesson (or have access to an Oracle9i Database)

Verifying the `SYSTEM` Tablespace

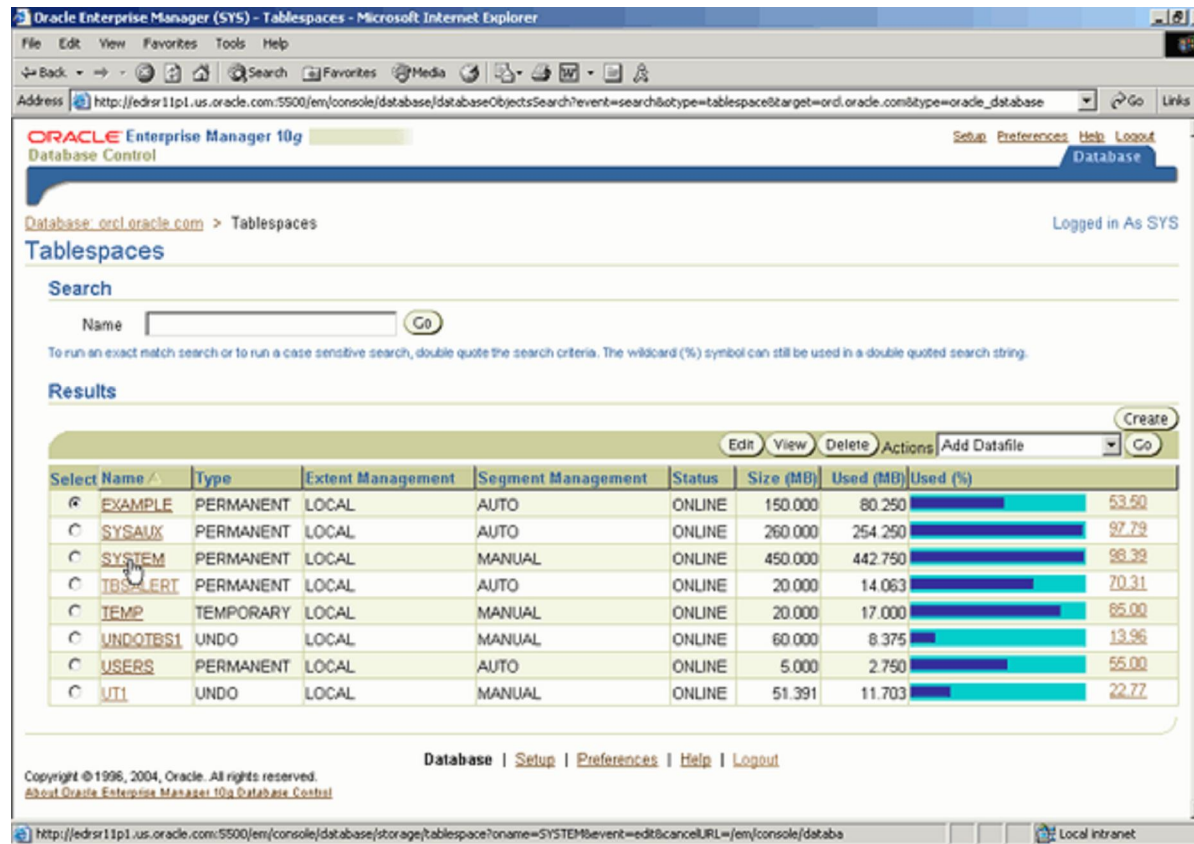
[Back to Topic List](#)

Before you upgrade, you want to check to make sure that you have enough space in your `SYSTEM` tablespace. Perform the following steps:

- 1. Open your browser and enter the following URL:
`http://<hostname>:5500/em`
Log in as `sys/<password>` as `sysdba` and click **Login**.
- 2. Click the **Administration** tab.
- 3. Under Storage, click the **Tablespaces** link



4. Click the **SYSTEM** tablespace.



Oracle Enterprise Manager (SYS) - Tablespaces - Microsoft Internet Explorer

Address: http://edrsr11p1.us.oracle.com:5500/em/console/database/databaseObjectsSearch?event=search&otYPE=tablespace&target=ord.oracle.com&type=oracle_database

ORACLE Enterprise Manager 10g Database Control

Database: orcl.oracle.com > Tablespaces

Logged in As SYS

Search

Name

To run an exact match search or to run a case sensitive search, double quote the search criteria. The wildcard (%) symbol can still be used in a double quoted search string.

Results

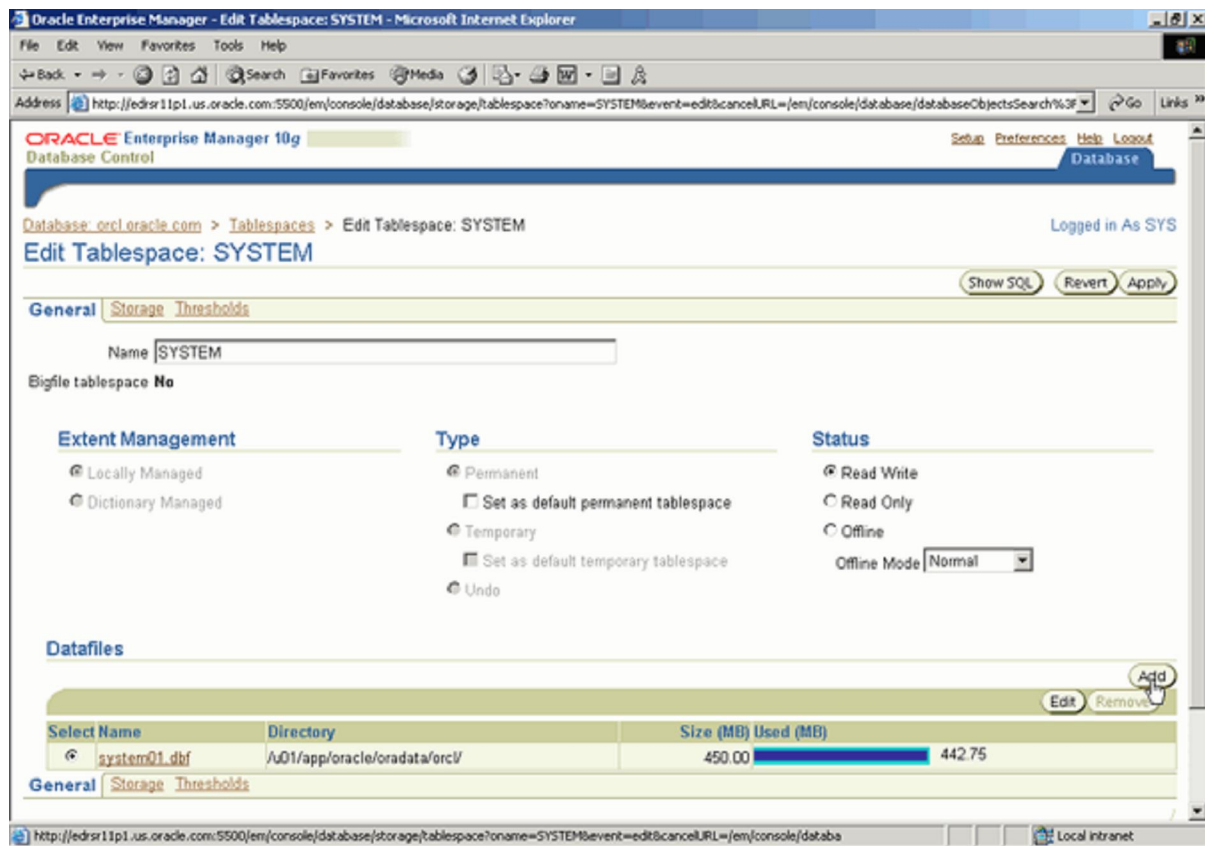
Select Name	Type	Extent Management	Segment Management	Status	Size (MB)	Used (MB)	Used (%)
EXAMPLE	PERMANENT	LOCAL	AUTO	ONLINE	150.000	80.250	53.50
SYSAUX	PERMANENT	LOCAL	AUTO	ONLINE	260.000	254.250	97.79
SYSTEM	PERMANENT	LOCAL	MANUAL	ONLINE	450.000	442.750	98.39
TS\$TERT	PERMANENT	LOCAL	AUTO	ONLINE	20.000	14.063	70.31
TEMP	TEMPORARY	LOCAL	MANUAL	ONLINE	20.000	17.000	85.00
UNDOTBS1	UNDO	LOCAL	MANUAL	ONLINE	60.000	8.375	13.96
USERS	PERMANENT	LOCAL	AUTO	ONLINE	5.000	2.750	55.00
UTI	UNDO	LOCAL	MANUAL	ONLINE	51.391	11.703	22.77

Database | [Setup](#) | [Preferences](#) | [Help](#) | [Logout](#)

Copyright © 1996, 2004, Oracle. All rights reserved.
About Oracle Enterprise Manager 10g Database Control

http://edrsr11p1.us.oracle.com:5500/em/console/database/storage/tablespace?oname=SYSTEM&event=edit&cancelURL=/em/console/databa

5. In the Datafiles section, click **Add**.



6. Enter `system02.dbf` for the file name, select the **Automatically extend datafile when full (AUTOEXTEND)** check box, and enter **10 KB** as the increment. Then click **Continue**.

Oracle Enterprise Manager 10g - Edit Tablespace: SYSTEM: Add Datafile - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://edrsr11p1.us.oracle.com:5500/em/console/database/storage/tablespace?target=orcl.oracle.com&type=oracle_database&cancelURL=/em/console/database/database Go Links

ORACLE Enterprise Manager 10g Database Control

Setup Preferences Help Logout Database

Database: orcl.oracle.com > Tablespaces > Edit Tablespace: SYSTEM: Add Datafile Logged in As SYS

Edit Tablespace: SYSTEM: Add Datafile

File Name

File Directory

Tablespace **SYSTEM**

File Size MB

☐ Reuse Existing File

Storage

☒ Automatically extend datafile when full (AUTOEXTEND)

Increment KB

Maximum File Size ☒ Unlimited

☐ Value MB

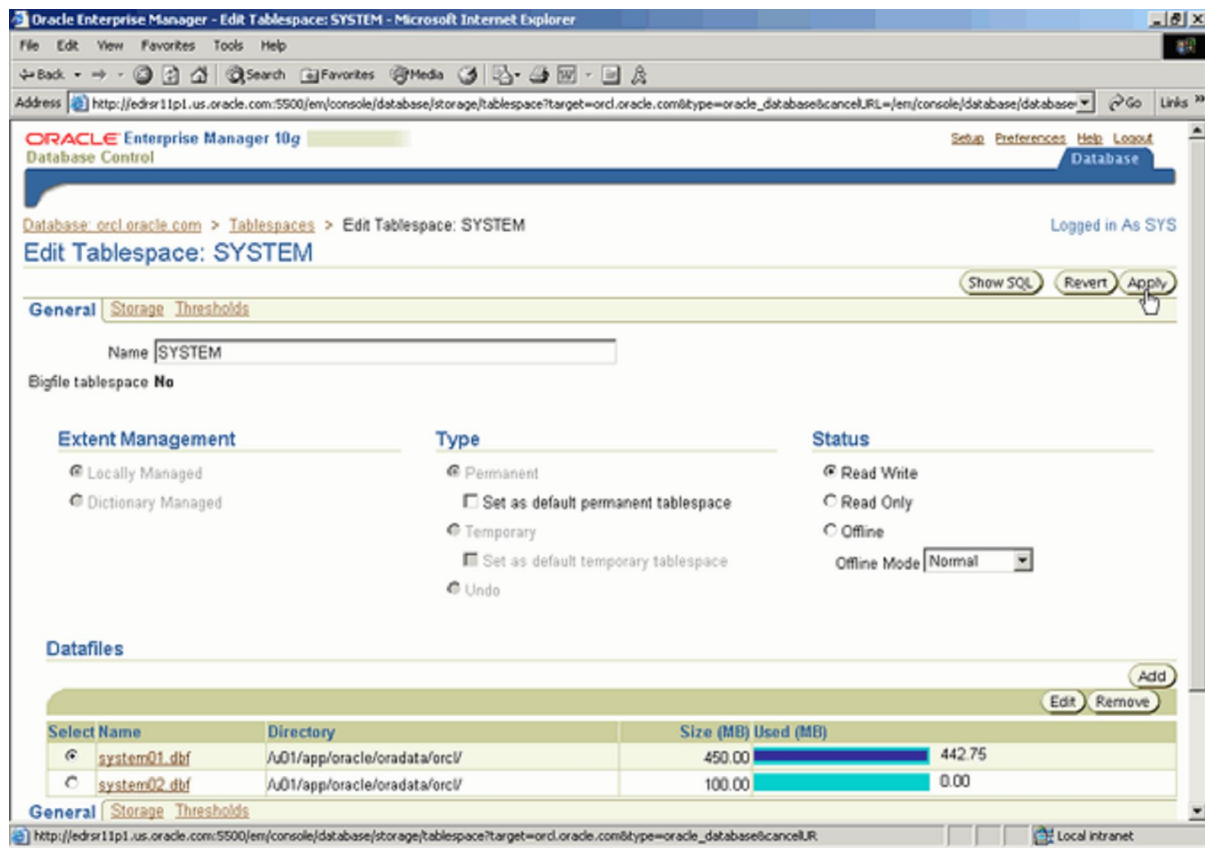
Cancel Continue

Database | Setup | Preferences | Help | Logout

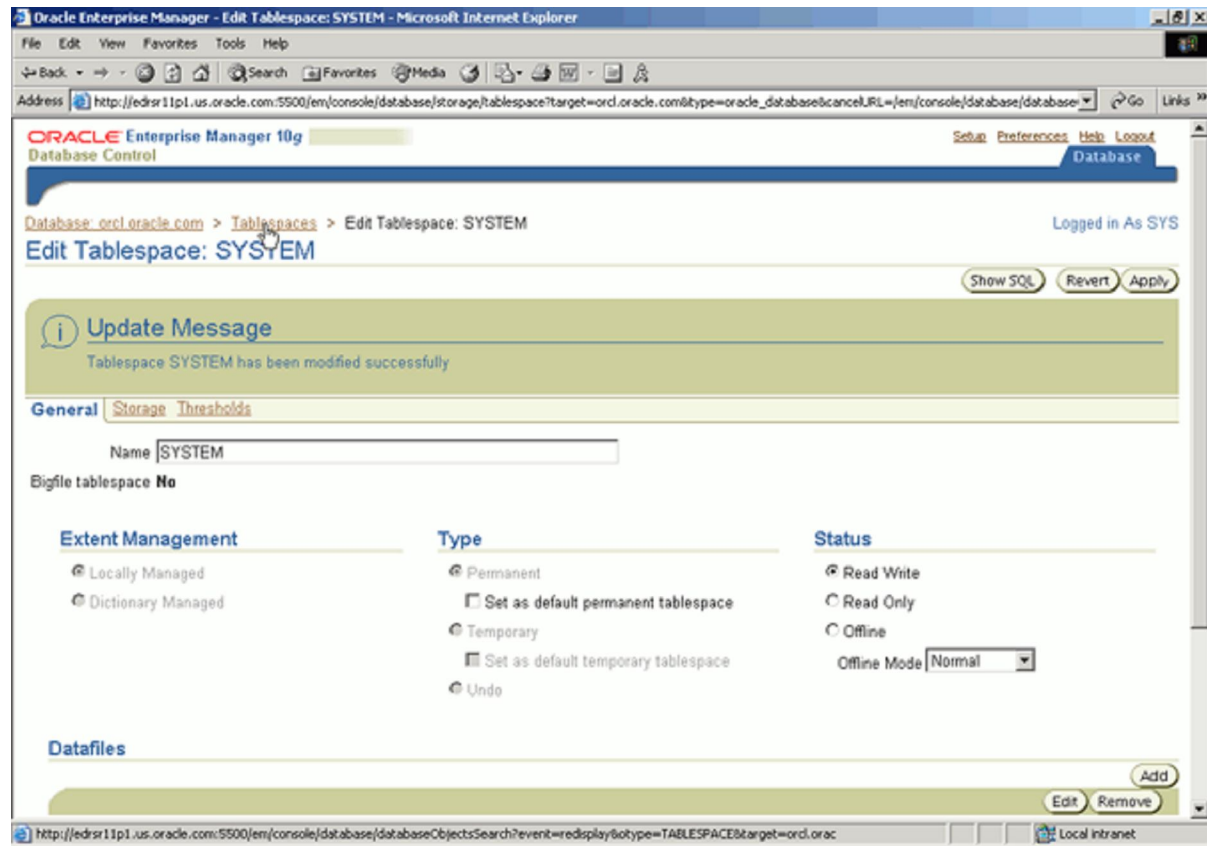
Copyright © 1998, 2004, Oracle. All rights reserved.
[About Oracle Enterprise Manager 10g Database Control](#)

http://edrsr11p1.us.oracle.com:5500/em/console/database/storage/tablespace?target=orcl.oracle.com&type=oracle_database&cancelURL Local intranet

7. Click **Apply**.



8. Your SYSTEM tablespace now has more space in it for your upgrade.



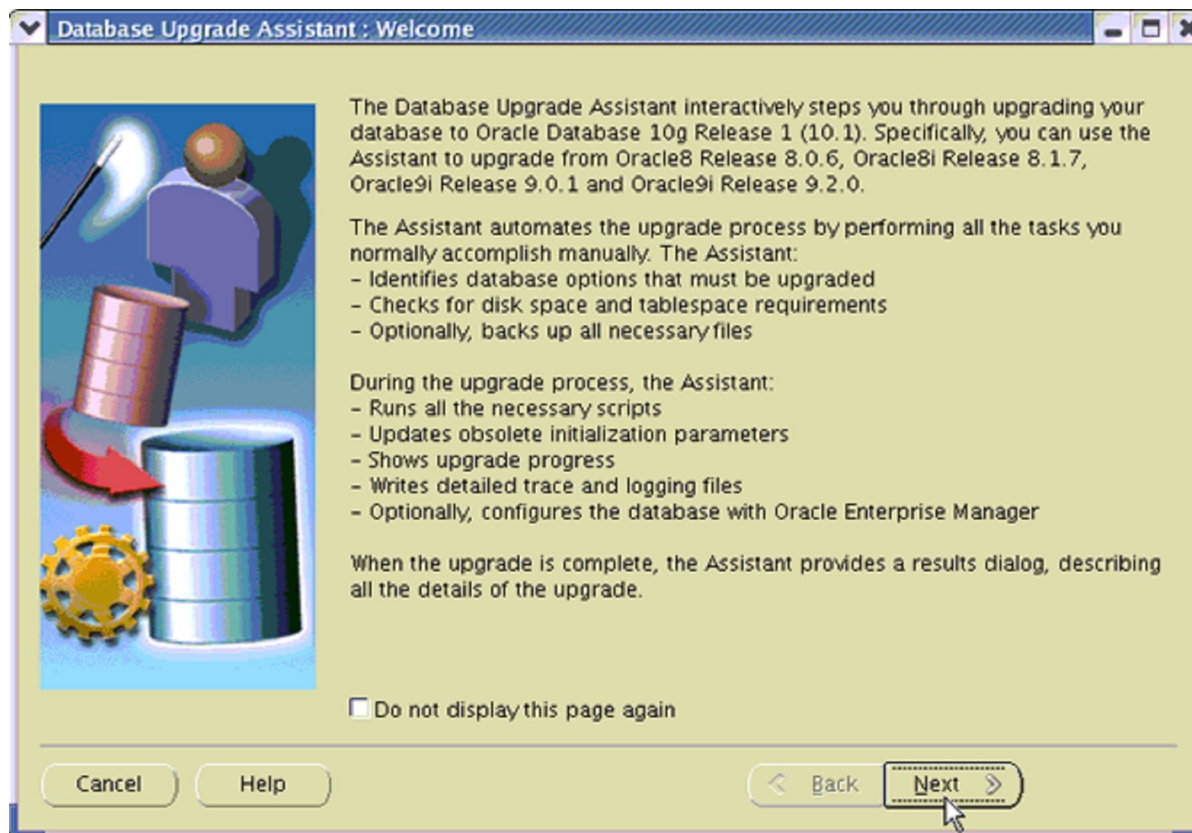
Upgrading Your Database with the Database Upgrade Assistant

[Back to Topic List](#)

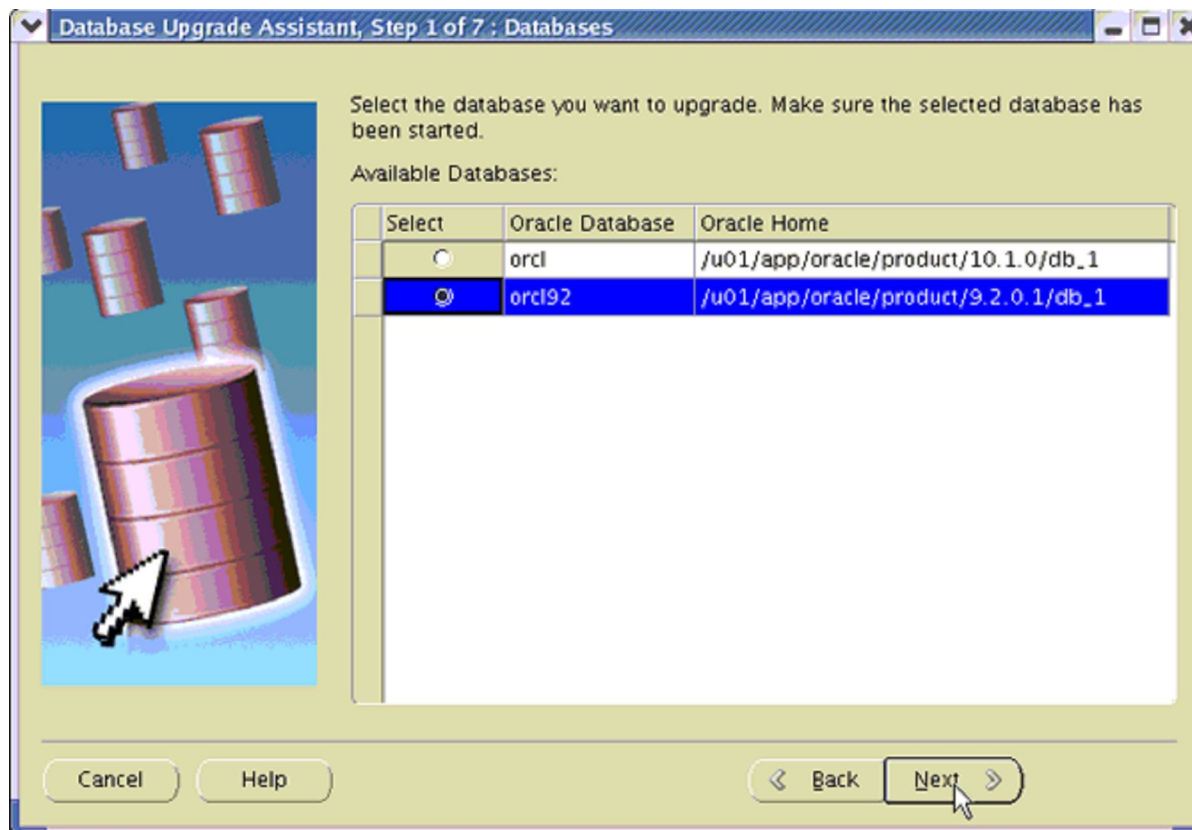
To use the GUI installer to install the Oracle software, perform the following steps:

1. Open a terminal window and execute the following commands:

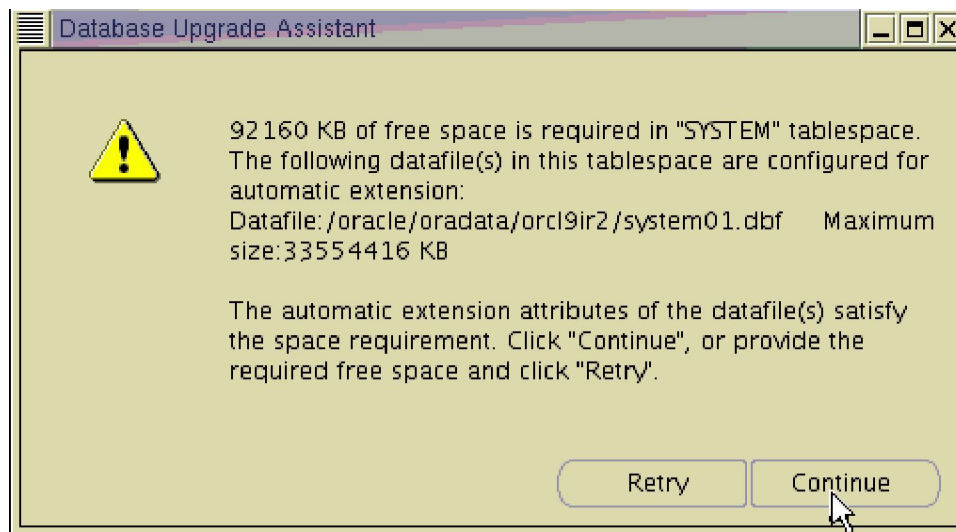
```
cd $ORACLE_BASE/product/10.1.0/db_1/bin
dbua
```
2. At the Welcome window, click **Next**.



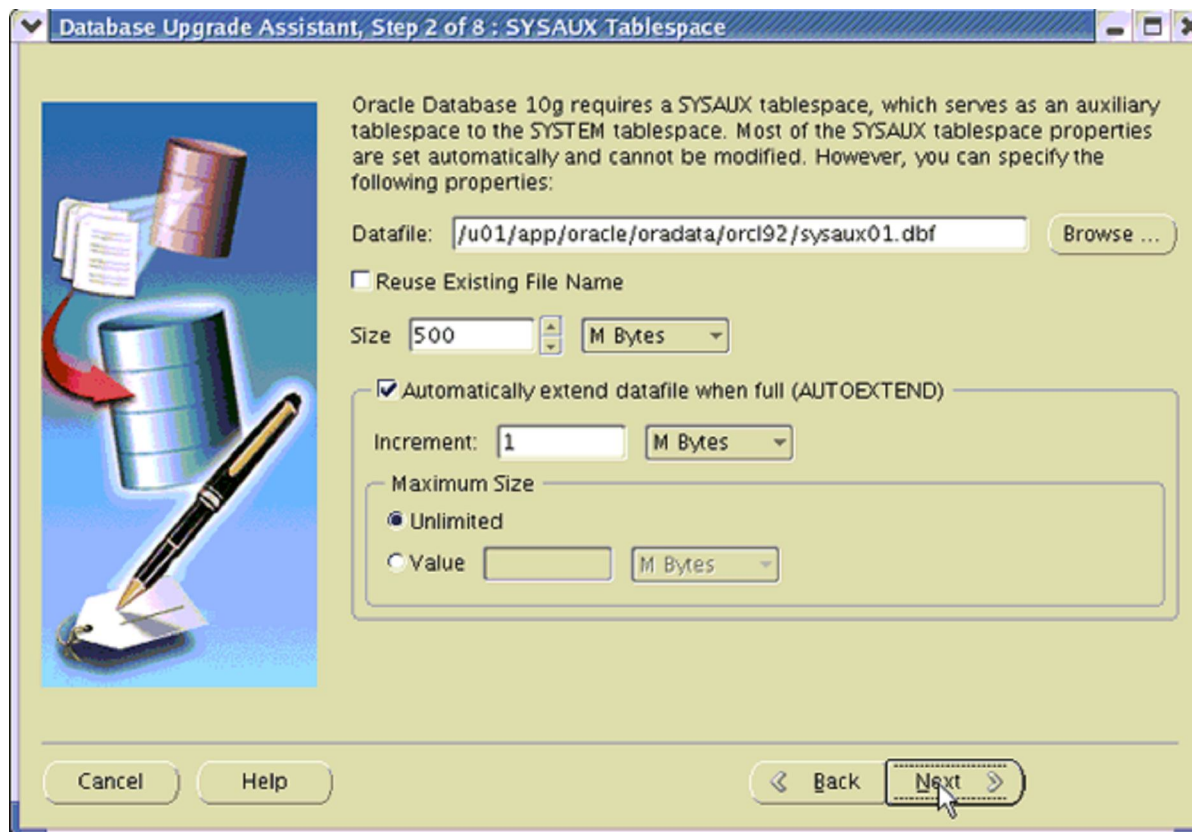
- 3. Select your Oracle9i Database from the list, and then click **Next**.



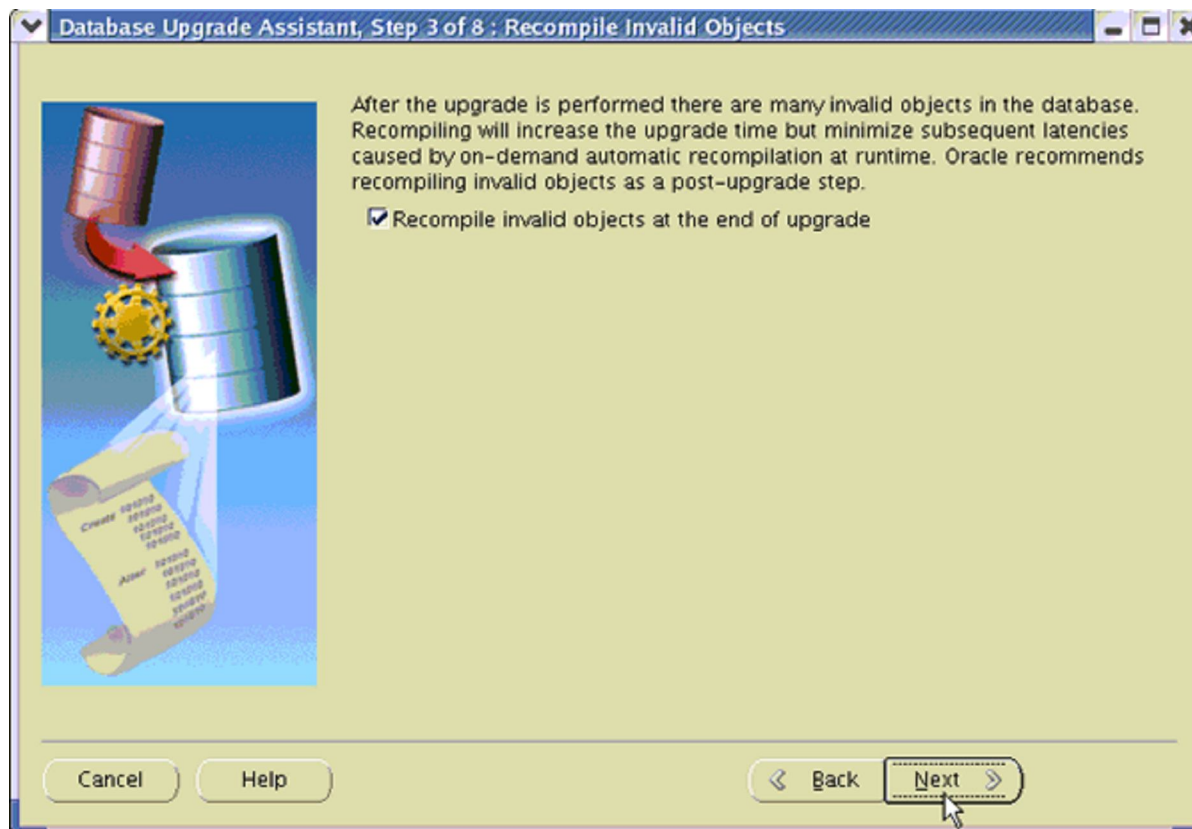
4. You may see a screen asking you if you want to automatically extend the `SYSTEM` tablespace. Click **Continue**.



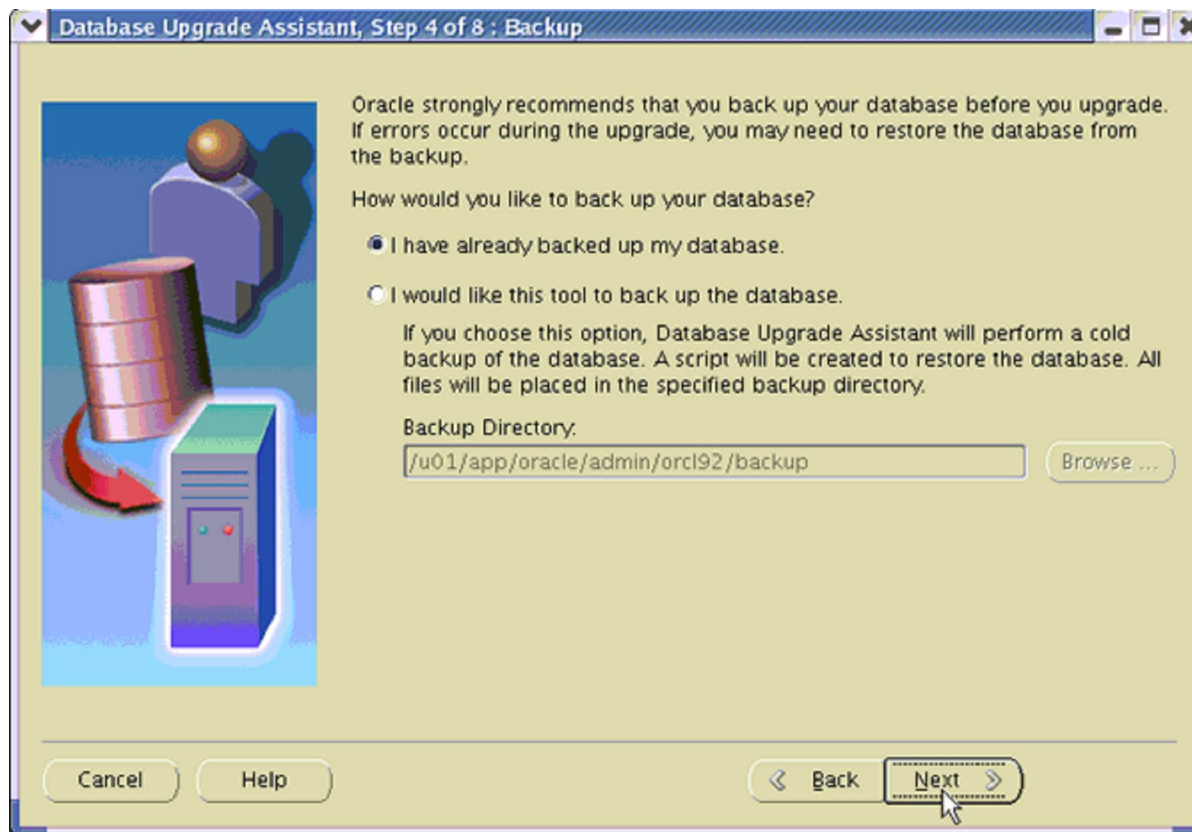
- ☐ 5. You need to create a `SYSAUX` tablespace. Accept the default and click **Next**.



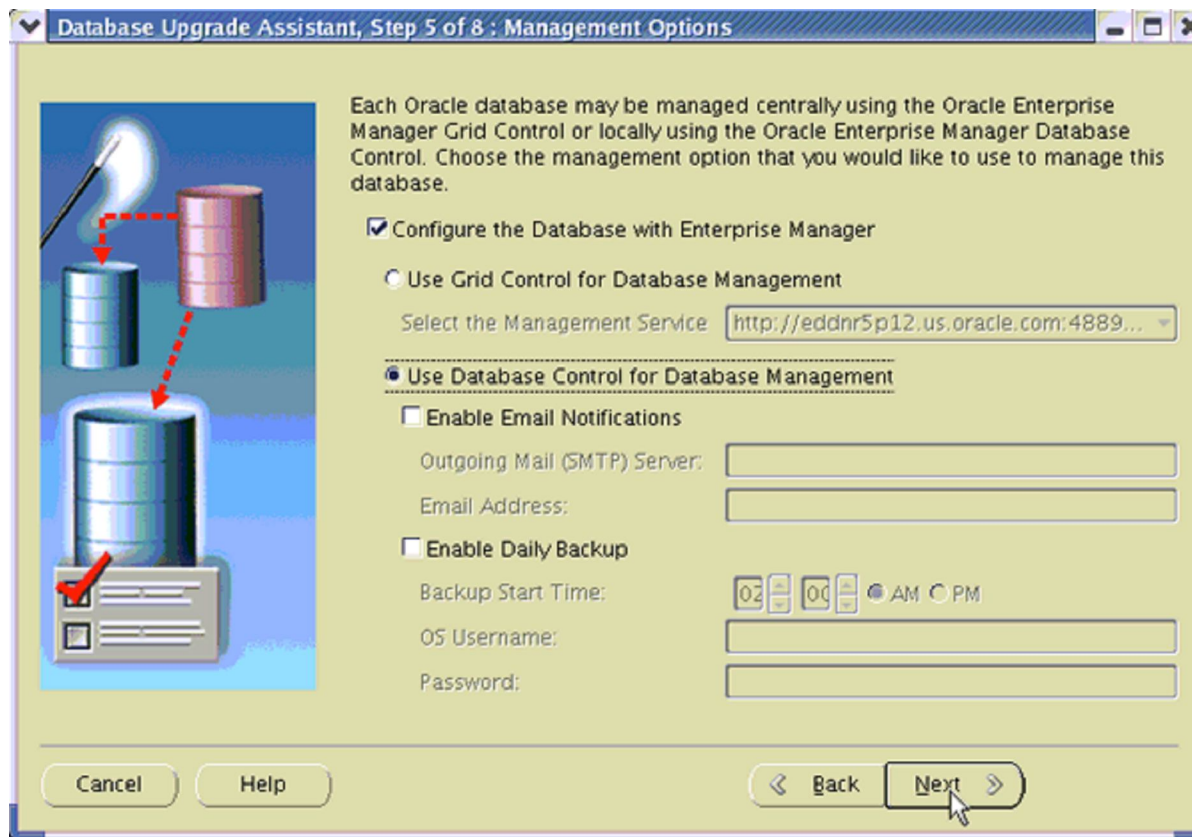
- 6. You want to recompile invalid objects at the end of the upgrade. Accept the default and click **Next**.



- 7. You will not make a backup of your Oracle9i Database during the upgrade process. Click **Next**.



8. Select **Use Database Control for Database Management**, and then click **Next**.



9. Enter and confirm a password, and then click **Next**.

Database Upgrade Assistant, Step 6 of 7 : Database Credentials

For security reasons, you must specify passwords for the following user accounts. Note: DBSNMP user password will be modified if the account already exists in the database.

☒ Use the Same Password for All Accounts

Password:

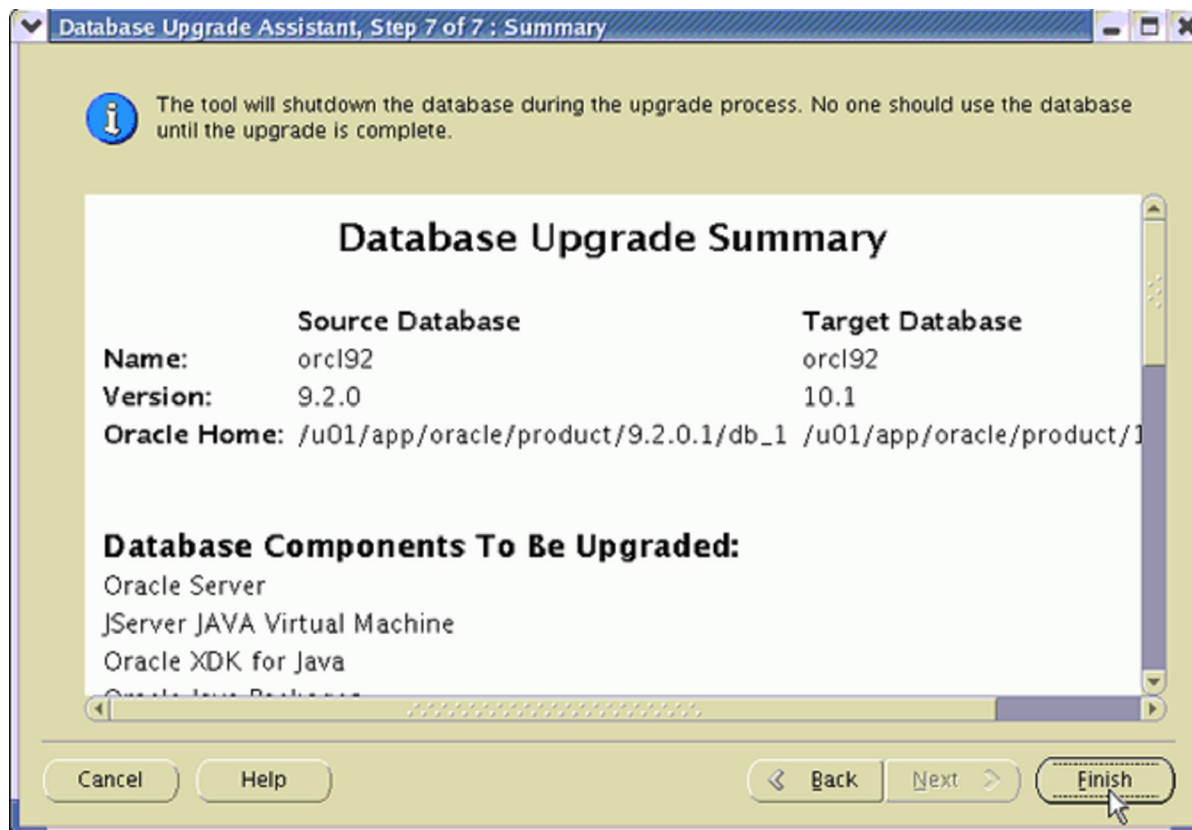
Confirm Password:

☐ Use Different Passwords

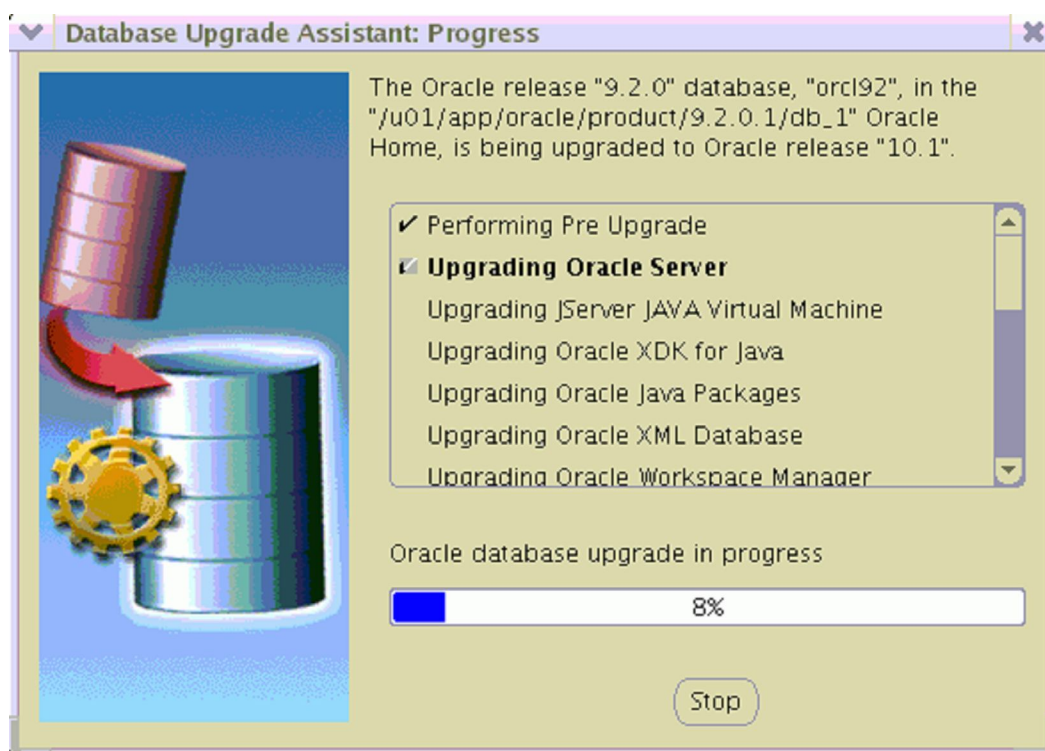
User Name	Password	Confirm Password
DBSNMP		
SYSMAN		

Cancel Help < Back Next >

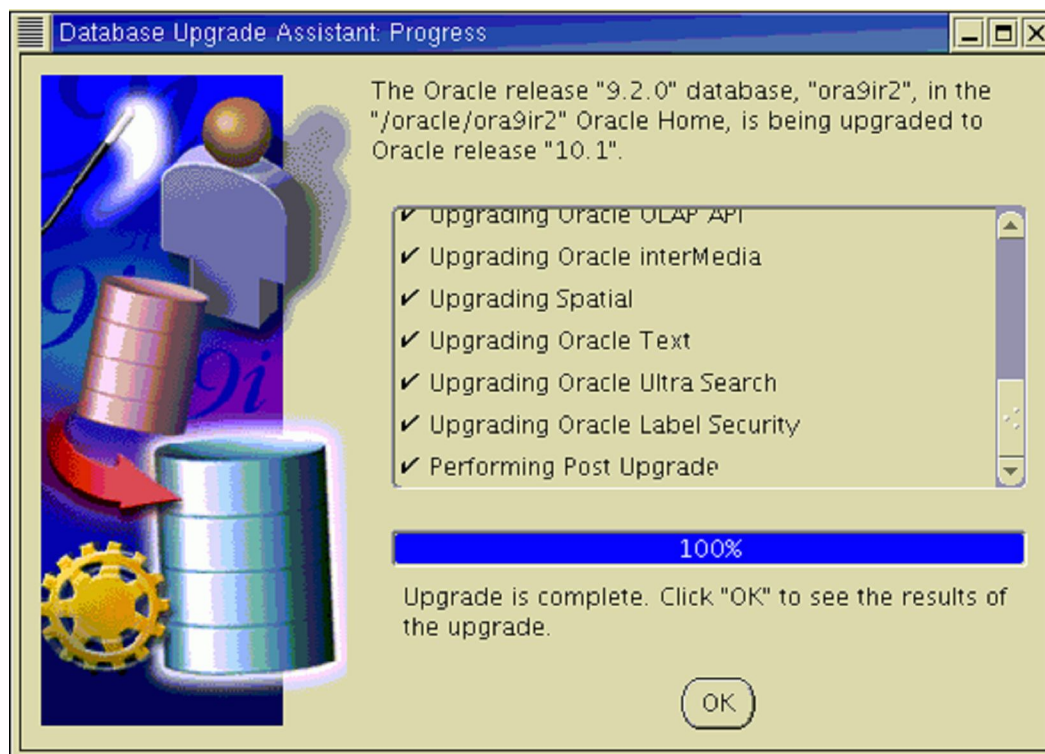
10. Review the summary information. Then click **Finish**.



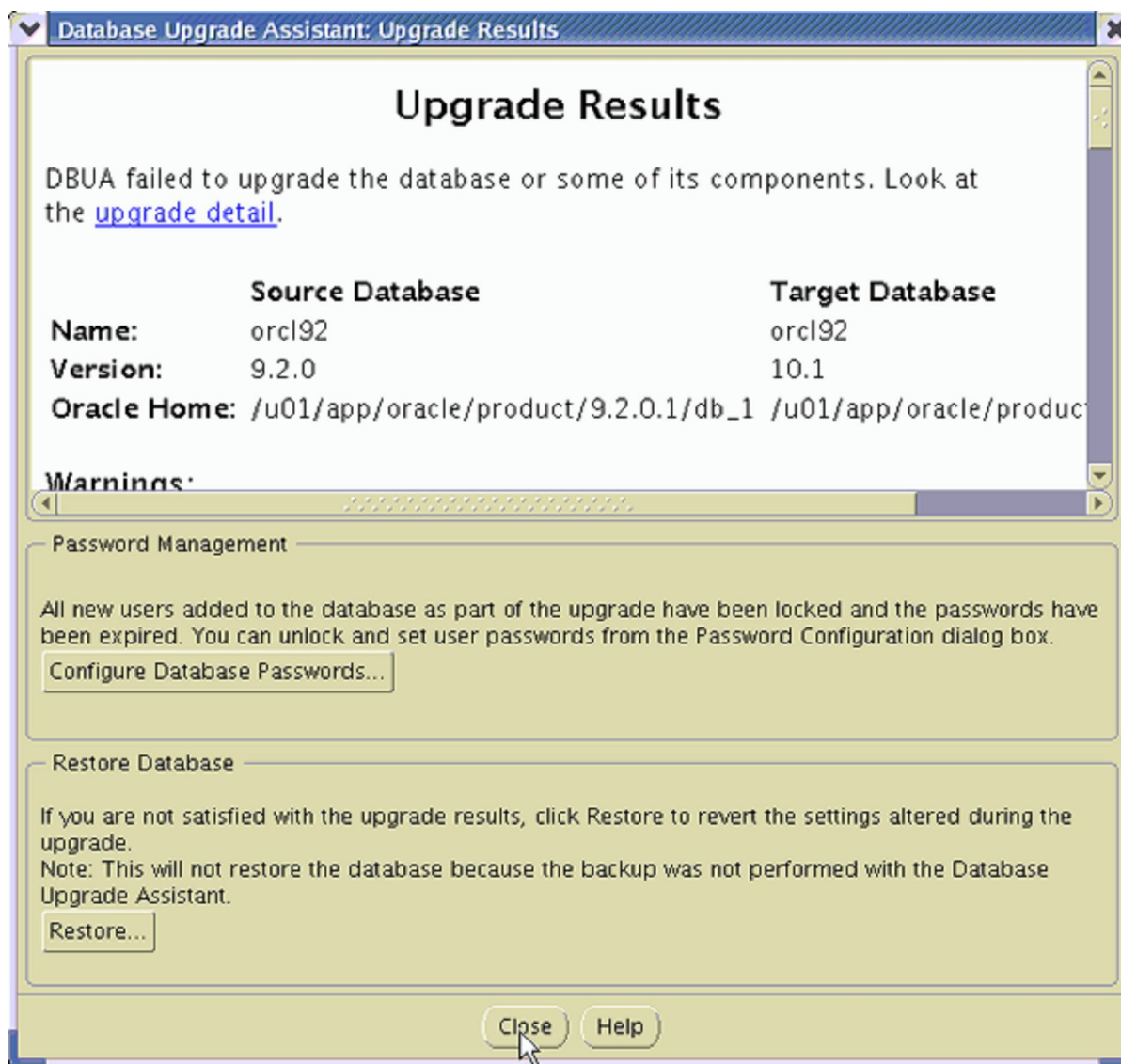
- 9. You see the progress window.




- 10. When your upgrade is complete, click **OK**.



- 11. You see the summary of the upgrade. Scroll down to see the output. When done, click **Close**.



Place the cursor on this icon to hide all screenshots.

 E-mail this page

 Printer View

ORACLE IS THE INFORMATION COMPANY

[About Oracle](#) | [RSS](#) | [Careers](#) | [Contact Us](#) | [Site Maps](#) | [Legal Notices](#) | [Terms of Use](#) | [Privacy](#)