

APPLIES TO:

ORACLE PATCH UPGRADE

SUMMARY:

This article explains how to do the ORACLE PATCH UPGRADE.

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COMPANY:

WILLSYS INFOSYSTEMS Pvt. Ltd.,

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ORACLE PATCH UPGRADE

Check the listener status

```
willsys90:oraw90 37> lsnrctl status  
  
LSNRCTL for Linux: Version 10.2.0.2.0  
  
Copyright (c) 1991, 2005, Oracle. All rights reserved.  
  
Connecting to (ADDRESS=(PROTOCOL=IPC)(KEY=W90.WORLD))  
TNS-12541: TNS:no listener  
TNS-12560: TNS:protocol adapter error  
TNS-00511: No listener  
Linux Error: 111: Connection refused  
Connecting to (ADDRESS=(PROTOCOL=IPC)(KEY=W90))  
TNS-12541: TNS:no listener  
TNS-12560: TNS:protocol adapter error  
TNS-00511: No listener  
Linux Error: 111: Connection refused  
Connecting to (ADDRESS=(COMMUNITY=SAP.WORLD)(PROTOCOL=TCP)(HOST=willsys90)(PORT=1527))  
TNS-12541: TNS:no listener  
TNS-12560: TNS:protocol adapter error  
TNS-00511: No listener  
Linux Error: 111: Connection refused  
willsys90:oraw90 38> █
```

```
File Edit View Terminal Tabs Help
TNS-12541: TNS:no listener
TNS-12560: TNS:protocol adapter error
TNS-00511: No listener
Linux Error: 111: Connection refused
Connecting to (ADDRESS=(COMMUNITY=SAP.WORLD)(PROTOCOL=TCP)(HOST=willsys90)(PORT=1527))
TNS-12541: TNS:no listener
TNS-12560: TNS:protocol adapter error
TNS-00511: No listener
Linux Error: 111: Connection refused
willsys90:oraw90 38> cd /oracle
willsys90:oraw90 39> ll
total 80
drwxr-x--- 3 root sapinst 4096 Nov 20 12:20 client
drwxr-xr-x 8 root root 4096 Apr 11 2014 DUMP
drwxrwxr-x 3 root root 4096 Jan 10 21:29 EXPORT
drwx----- 2 root root 16384 Nov 17 13:50 lost+found
drwxr-xr-x 6 root root 4096 Jan 22 2014 oracleupgrade
drwxr-xr-x 6 oraw90 dba 4096 Nov 20 12:46 oraInventory
drwxr-x--- 3 root sapinst 4096 Nov 20 12:21 stage
drwxr-xr-x 2 root root 4096 Aug 6 2012 VIRSA
drwxr-xr-x 17 oraw90 dba 4096 Jan 18 12:03 W90
willsys90:oraw90 40> cd oracleupgrade/
willsys90:oraw90 41> ll
total 32
drwxr-xr-x 3 root root 4096 Sep 11 17:04 51036968_12
drwxr-xr-x 3 root root 4096 Sep 11 17:05 51041676_12
drwxr-xr-x 2 root root 4096 Dec 5 16:19 51047700
drwxr-xr-x 11 root root 4096 Sep 10 15:25 51048610_client
willsys90:oraw90 42> □
```

```
File Edit View Terminal Tabs Help
[root@willsys90 /]# chmod -R 775 /oracle/oracleupgrade/
[root@willsys90 /]# chown -R oraw90:dba /oracle/oracleupgrade/
[root@willsys90 /]# cd /oracle
[root@willsys90 oracle]# ll
total 80
drwxr-x--- 3 root sapinst 4096 Nov 20 12:20 client
drwxr-xr-x 8 root root 4096 Apr 11 2014 DUMP
drwxrwxr-x 3 root root 4096 Jan 10 21:29 EXPORT
drwx----- 2 root root 16384 Nov 17 13:50 lost+found
drwxrwxr-x 6 oraw90 dba 4096 Jan 22 2014 oracleupgrade
drwxr-xr-x 6 oraw90 dba 4096 Nov 20 12:46 oraInventory
drwxr-x--- 3 root sapinst 4096 Nov 20 12:21 stage
drwxr-xr-x 2 root root 4096 Aug 6 2012 VIRSA
drwxr-xr-x 17 oraw90 dba 4096 Jan 18 12:03 W90
[root@willsys90 oracle]#
```

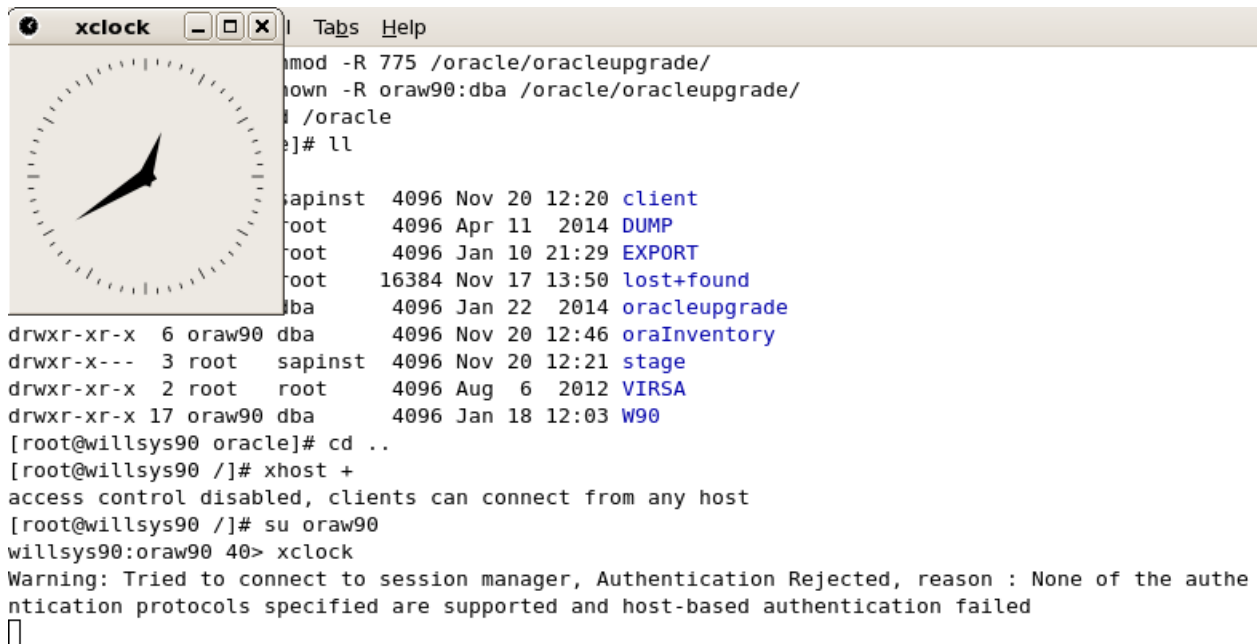
Execute 'xhost+' to connect clients from anyhost

```
File Edit View Terminal Tabs Help
[root@willsys90 /]# chmod -R 775 /oracle/oracleupgrade/
[root@willsys90 /]# chown -R oraw90:dba /oracle/oracleupgrade/
[root@willsys90 /]# cd /oracle
[root@willsys90 oracle]# ll
total 80
drwxr-x--- 3 root sapinst 4096 Nov 20 12:20 client
drwxr-xr-x 8 root root 4096 Apr 11 2014 DUMP
drwxrwxr-x 3 root root 4096 Jan 10 21:29 EXPORT
drwx----- 2 root root 16384 Nov 17 13:50 lost+found
drwxrwxr-x 6 oraw90 dba 4096 Jan 22 2014 oracleupgrade
drwxr-xr-x 6 oraw90 dba 4096 Nov 20 12:46 oraInventory
drwxr-x--- 3 root sapinst 4096 Nov 20 12:21 stage
drwxr-xr-x 2 root root 4096 Aug 6 2012 VIRSA
drwxr-xr-x 17 oraw90 dba 4096 Jan 18 12:03 W90
[root@willsys90 oracle]# cd ..
[root@willsys90 /]# xhost +
access control disabled, clients can connect from any host
[root@willsys90 /]#
```

Execute xclock by logging in to oracle user

Su – oraw90

>xclock



```
mod -R 775 /oracle/oracleupgrade/
own -R oraw90:dba /oracle/oracleupgrade/
/oracle
e]# ll
sapinst 4096 Nov 20 12:20 client
root 4096 Apr 11 2014 DUMP
root 4096 Jan 10 21:29 EXPORT
root 16384 Nov 17 13:50 lost+found
dba 4096 Jan 22 2014 oracleupgrade
drwxr-xr-x 6 oraw90 dba 4096 Nov 20 12:46 oraInventory
drwxr-x--- 3 root sapinst 4096 Nov 20 12:21 stage
drwxr-xr-x 2 root root 4096 Aug 6 2012 VIRSA
drwxr-xr-x 17 oraw90 dba 4096 Jan 18 12:03 W90
[root@willsys90 oracle]# cd ..
[root@willsys90 /]# xhost +
access control disabled, clients can connect from any host
[root@willsys90 /]# su oraw90
willsys90:oraw90 40> xclock
Warning: Tried to connect to session manager, Authentication Rejected, reason : None of the authentication protocols specified are supported and host-based authentication failed
[]
```



```
File Edit View Terminal Tabs Help
willsys90:oraw90 42> ll
total 32
drwxrwxr-x 3 oraw90 dba 4096 Sep 11 17:04 51036968_12
drwxrwxr-x 3 oraw90 dba 4096 Sep 11 17:05 51041676_12
drwxrwxr-x 2 oraw90 dba 4096 Dec 5 16:19 51047700
drwxrwxr-x 11 oraw90 dba 4096 Sep 10 15:25 51048610_client
willsys90:oraw90 43> cd 51036968_12/
willsys90:oraw90 44> ll
total 8
drwxrwxr-x 3 oraw90 dba 4096 May 28 2009 ORACLE_Patch_10.2.0.4_LINUX
willsys90:oraw90 45> cd ORACLE_Patch_10.2.0.4_LINUX/
willsys90:oraw90 46> ll
total 92
-rwxrwxr-x 1 oraw90 dba 132 May 28 2009 CDLABEL.ASC
-rwxrwxr-x 1 oraw90 dba 132 May 28 2009 CDLABEL.EBC
-rwxrwxr-x 1 oraw90 dba 9931 May 28 2009 COPY_TM.HTM
-rwxrwxr-x 1 oraw90 dba 7098 May 28 2009 COPY_TM.TXT
-rwxrwxr-x 1 oraw90 dba 96 May 28 2009 LABEL.ASC
-rwxrwxr-x 1 oraw90 dba 96 May 28 2009 LABEL.EBC
drwxrwxr-x 2 oraw90 dba 4096 Dec 1 2008 LINUX32
-rwxrwxr-x 1 oraw90 dba 1464 May 28 2009 SHAFILE.DAT
-rwxrwxr-x 1 oraw90 dba 22 May 28 2009 VERSION.ASC
-rwxrwxr-x 1 oraw90 dba 22 May 28 2009 VERSION.EBC
willsys90:oraw90 47> cd LINUX32/
willsys90:oraw90 48> ll
total 1030252
-rwxrwxr-x 1 oraw90 dba 1053748381 May 13 2008 p6810189_10204_Linux-x86.zip
-rwxrwxr-x 1 oraw90 dba 178473 Feb 25 2008 README.html
willsys90:oraw90 49> □
```

```
File Edit View Terminal Tabs Help
drwxrwxr-x 3 oraw90 dba 4096 Sep 11 17:04 51036968_12
drwxrwxr-x 3 oraw90 dba 4096 Sep 11 17:05 51041676_12
drwxrwxr-x 2 oraw90 dba 4096 Dec 5 16:19 51047700
drwxrwxr-x 11 oraw90 dba 4096 Sep 10 15:25 51048610_client
willsys90:oraw90 43> cd 51036968_12/
willsys90:oraw90 44> ll
total 8
drwxrwxr-x 3 oraw90 dba 4096 May 28 2009 ORACLE_Patch_10.2.0.4_LINUX
willsys90:oraw90 45> cd ORACLE_Patch_10.2.0.4_LINUX/
willsys90:oraw90 46> ll
total 92
-rwxrwxr-x 1 oraw90 dba 132 May 28 2009 CDLABEL.ASC
-rwxrwxr-x 1 oraw90 dba 132 May 28 2009 CDLABEL.EBC
-rwxrwxr-x 1 oraw90 dba 9931 May 28 2009 COPY_TM.HTM
-rwxrwxr-x 1 oraw90 dba 7098 May 28 2009 COPY_TM.TXT
-rwxrwxr-x 1 oraw90 dba 96 May 28 2009 LABEL.ASC
-rwxrwxr-x 1 oraw90 dba 96 May 28 2009 LABEL.EBC
drwxrwxr-x 2 oraw90 dba 4096 Dec 1 2008 LINUX32
-rwxrwxr-x 1 oraw90 dba 1464 May 28 2009 SHAFILE.DAT
-rwxrwxr-x 1 oraw90 dba 22 May 28 2009 VERSION.ASC
-rwxrwxr-x 1 oraw90 dba 22 May 28 2009 VERSION.EBC
willsys90:oraw90 47> cd LINUX32/
willsys90:oraw90 48> ll
total 1030252
-rwxrwxr-x 1 oraw90 dba 1053748381 May 13 2008 p6810189_10204_Linux-x86.zip
-rwxrwxr-x 1 oraw90 dba 178473 Feb 25 2008 README.html
willsys90:oraw90 49> unzip p6810189_10204_Linux-x86.zip
Archive:  p6810189_10204_Linux-x86.zip
replace README.html? [y]es, [n]o, [A]ll, [N]one, [r]ename: 
```

Go to the path→ `cd /oracleupgrade/51036968_12/ORACLE_Patch_10.2.0.4_LINUX/LINUX32/`

Unzip the file **p6810189_10204_Linux-x86.zip** by using the command

Oraw90 49> unzip p6810189_10204_Linux-x86.zip

```
File Edit View Terminal Tabs Help
inflating: Disk1/install/resource/cons_de.nls
inflating: Disk1/install/resource/cons_pt_BR.nls
inflating: Disk1/install/resource/cons_zh_CN.nls
inflating: Disk1/install/resource/cons_ko.nls
inflating: Disk1/install/resource/cons_ja.nls
inflating: Disk1/install/resource/cons_zh_TW.nls
inflating: Disk1/install/resource/cons_fr.nls
inflating: Disk1/install/.oui
inflating: Disk1/install/oraparam.ini
  creating: Disk1/install/images/
extracting: Disk1/install/images/rdbms_6.gif
extracting: Disk1/install/images/rdbms_3.gif
extracting: Disk1/install/images/rdbms_2.gif
extracting: Disk1/install/images/rdbms_5.gif
extracting: Disk1/install/images/rdbms_4.gif
extracting: Disk1/install/images/rdbms_1.gif
extracting: Disk1/install/images/rdbms_7.gif
extracting: Disk1/install/images/rdbms_8.gif
  inflating: Disk1/install/lsnodes
extracting: Disk1/install/addLangs.sh
  inflating: Disk1/install/addNode.sh
  inflating: Disk1/install/oraparamsilent.ini
  inflating: Disk1/10204_buglist.htm
willsys90:oraw90 50> ll
total 1030260
drwxr-xr-x 5 oraw90 dba      4096 Feb 22  2008 Disk1
-rwxrwxr-x 1 oraw90 dba 1053748381 May 13  2008 p6810189_10204_Linux-x86.zip
-rw-r--r-- 1 oraw90 dba      178473 Feb 26  2008 README.html
willsys90:oraw90 51> █
```



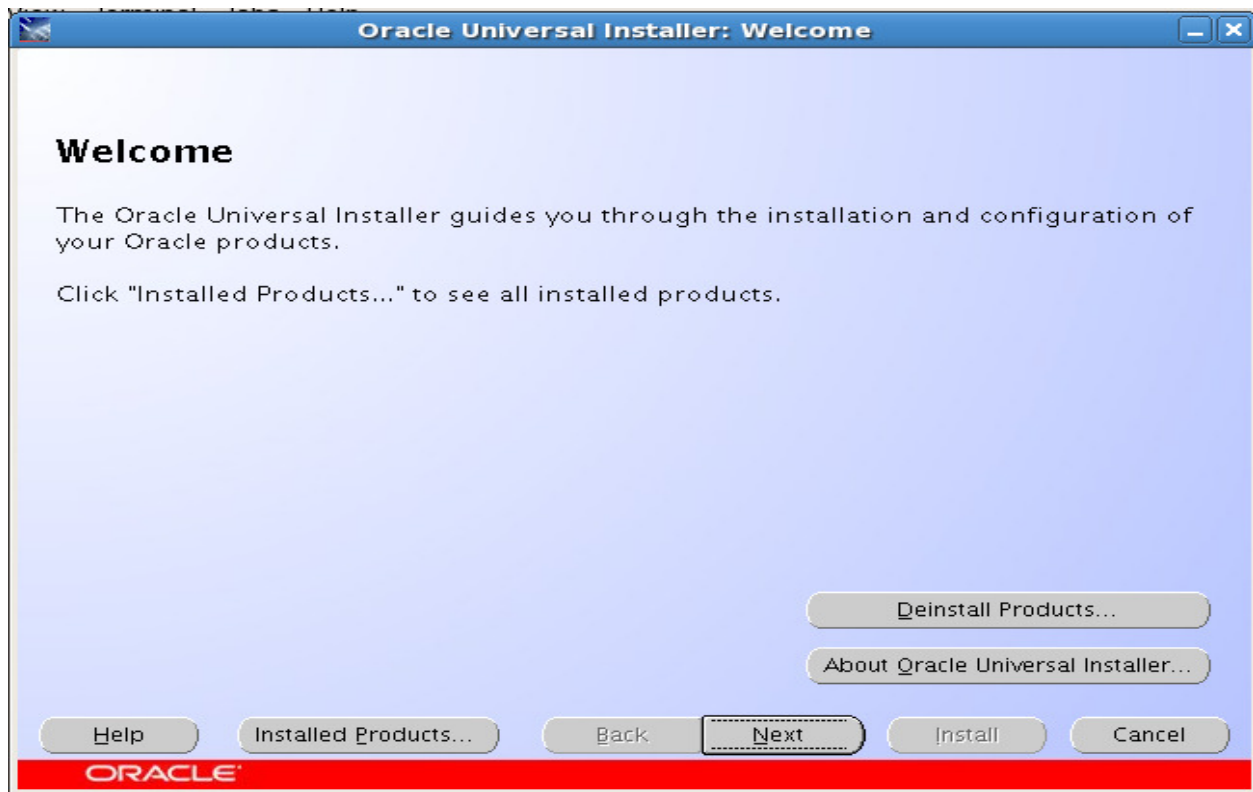
```
File Edit View Terminal Tabs Help
creating: Disk1/install/images/
extracting: Disk1/install/images/rdbms_6.gif
extracting: Disk1/install/images/rdbms_3.gif
extracting: Disk1/install/images/rdbms_2.gif
extracting: Disk1/install/images/rdbms_5.gif
extracting: Disk1/install/images/rdbms_4.gif
extracting: Disk1/install/images/rdbms_1.gif
extracting: Disk1/install/images/rdbms_7.gif
extracting: Disk1/install/images/rdbms_8.gif
inflating: Disk1/install/lsnodes
extracting: Disk1/install/addLangs.sh
inflating: Disk1/install/addNode.sh
inflating: Disk1/install/oraparamsilent.ini
inflating: Disk1/10204_buglist.htm
willsys90:oraw90 50> ll
total 1030260
drwxr-xr-x 5 oraw90 dba      4096 Feb 22  2008 Disk1
-rwxrwxr-x 1 oraw90 dba 1053748381 May 13  2008 p6810189_10204_Linux-x86.zip
-rw-r--r-- 1 oraw90 dba      178473 Feb 26  2008 README.html
willsys90:oraw90 51> cd Disk1/
willsys90:oraw90 52> ll
total 1808
-rw-r--r--  1 oraw90 dba 1620786 Feb 21  2008 10204_buglist.htm
drwxr-xr-x  4 oraw90 dba   4096 Feb 17  2008 install
-rw-r--r--  1 oraw90 dba  178465 Feb 23  2008 patch_note.htm
drwxr-xr-x  2 oraw90 dba   4096 Feb 17  2008 response
-rwxr-xr-x  1 oraw90 dba   1756 Feb 17  2008 runInstaller
drwxr-xr-x 10 oraw90 dba   4096 Feb 22  2008 stage
willsys90:oraw90 53> []
```

After unzip the file **Disk1** folder will be come.

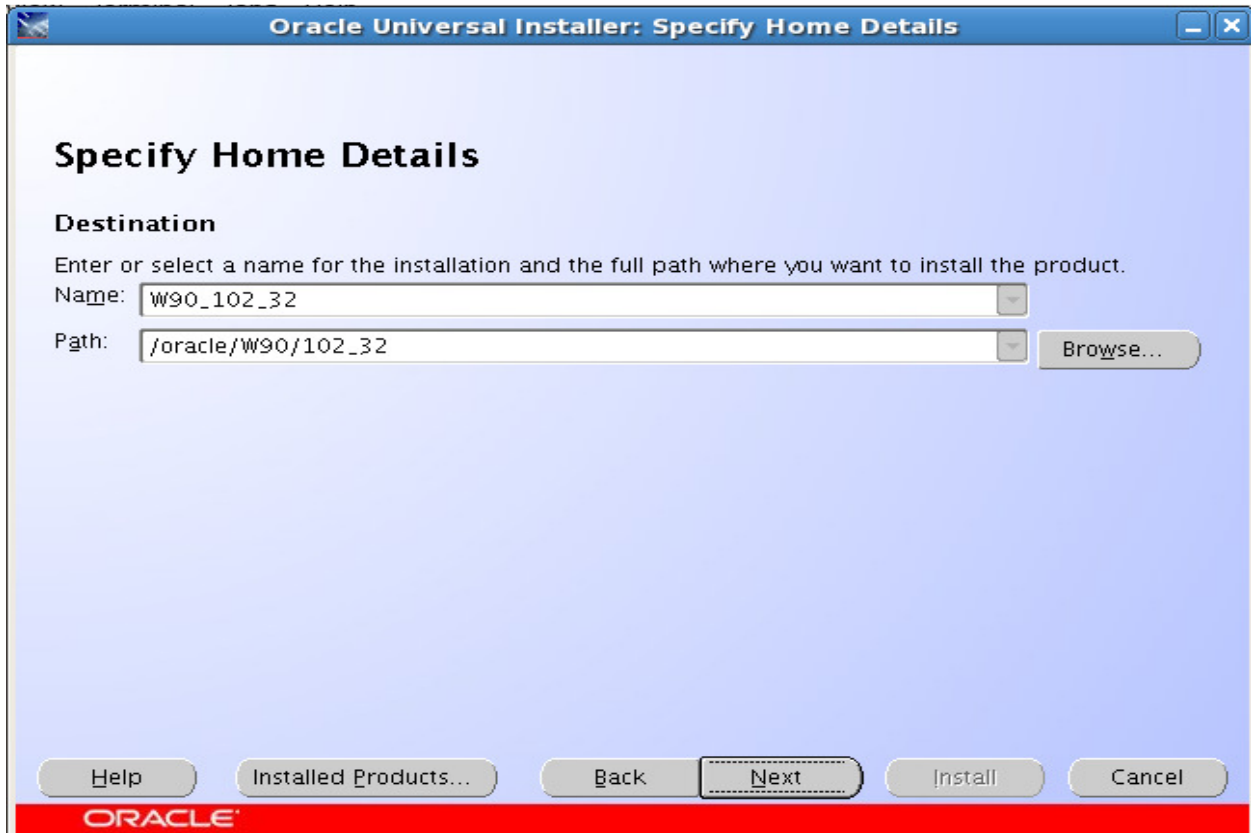
Go to the **Disk1** folder → **cd Disk1/**

```
willsys90:oraw90 51> cd Disk1/  
willsys90:oraw90 52> ll  
total 1808  
-rw-r--r--  1 oraw90 dba 1620786 Feb 21  2008 10204_buglist.htm  
drwxr-xr-x  4 oraw90 dba   4096 Feb 17  2008 install  
-rw-r--r--  1 oraw90 dba  178465 Feb 23  2008 patch_note.htm  
drwxr-xr-x  2 oraw90 dba   4096 Feb 17  2008 response  
-rwxr-xr-x  1 oraw90 dba   1756 Feb 17  2008 runInstaller  
drwxr-xr-x 10 oraw90 dba   4096 Feb 22  2008 stage  
willsys90:oraw90 53> ./runInstaller
```

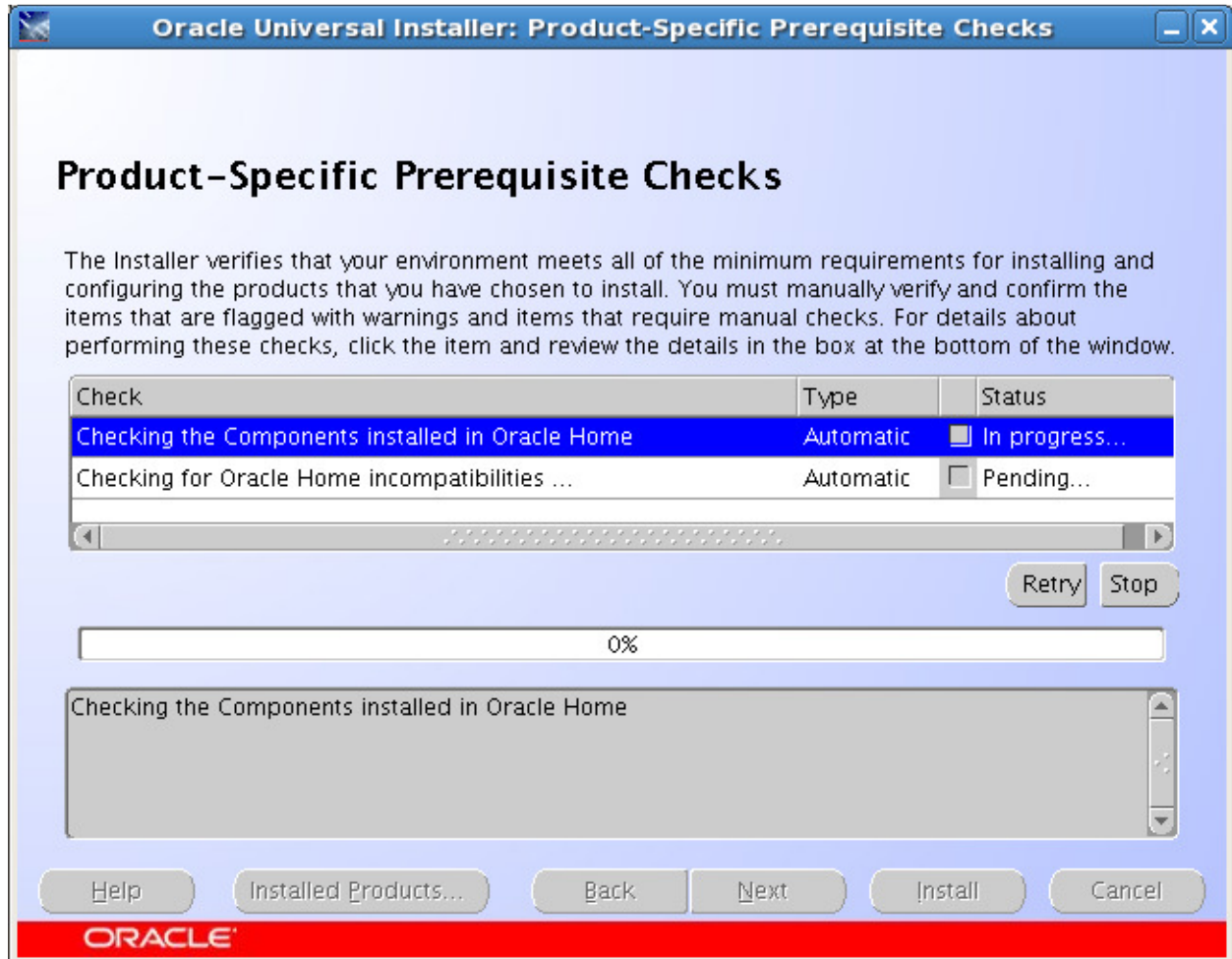
Run the file “./runInstaller”

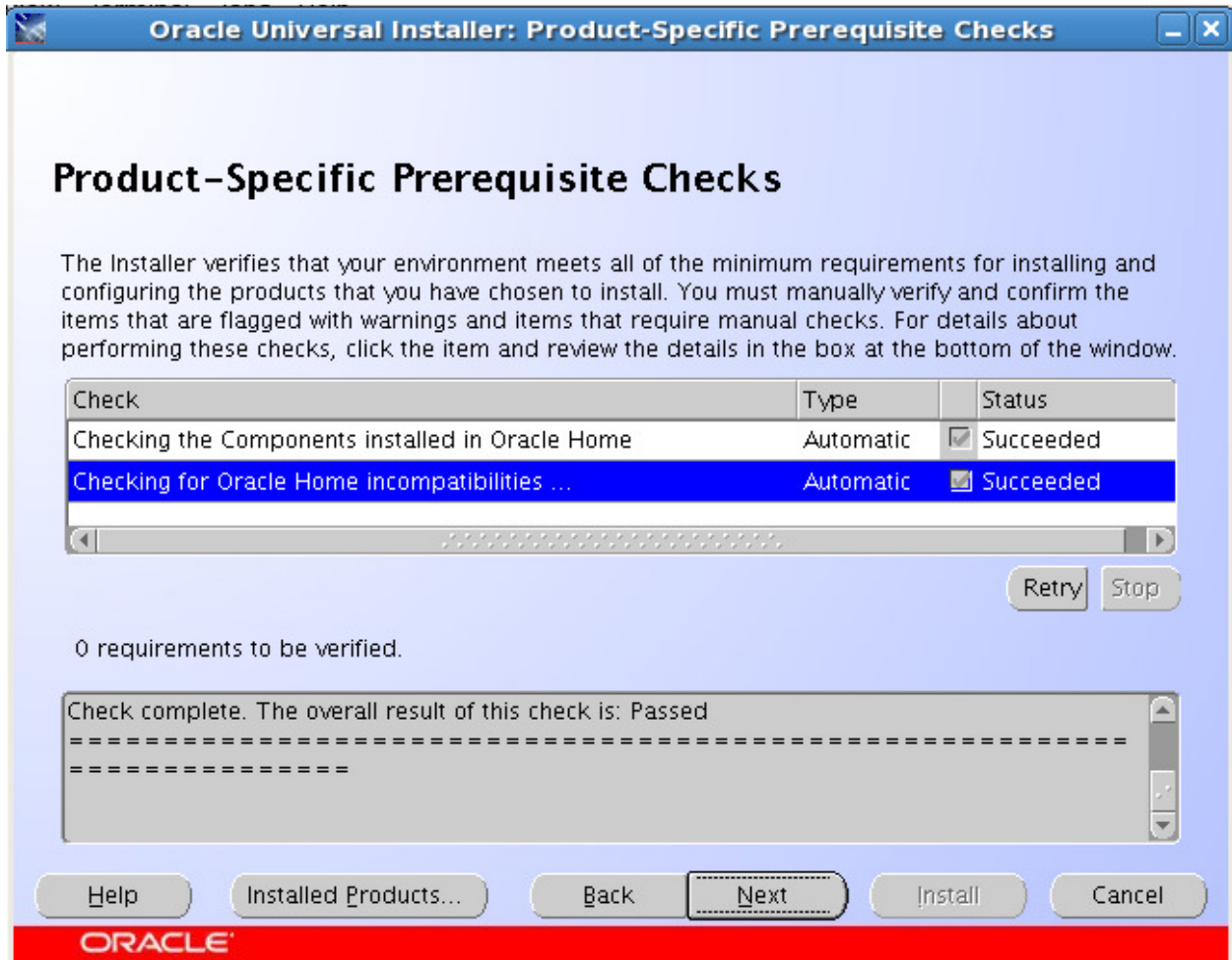


Click on **Next**

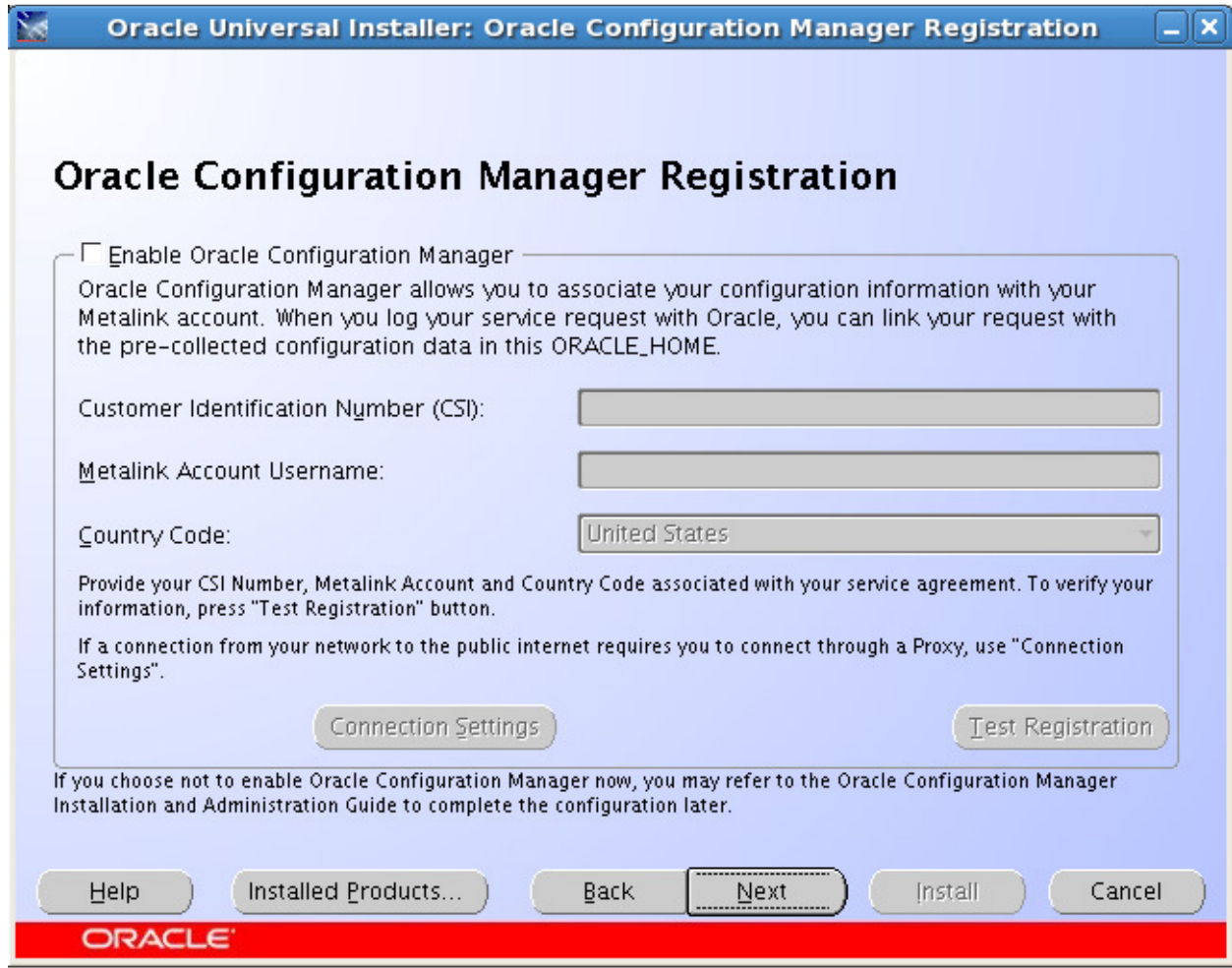


Click on **Next**





Click on **Next**



Oracle Configuration Manager Registration

Enable Oracle Configuration Manager

Oracle Configuration Manager allows you to associate your configuration information with your Metalink account. When you log your service request with Oracle, you can link your request with the pre-collected configuration data in this ORACLE_HOME.

Customer Identification Number (CSI):

Metalink Account Username:

Country Code:

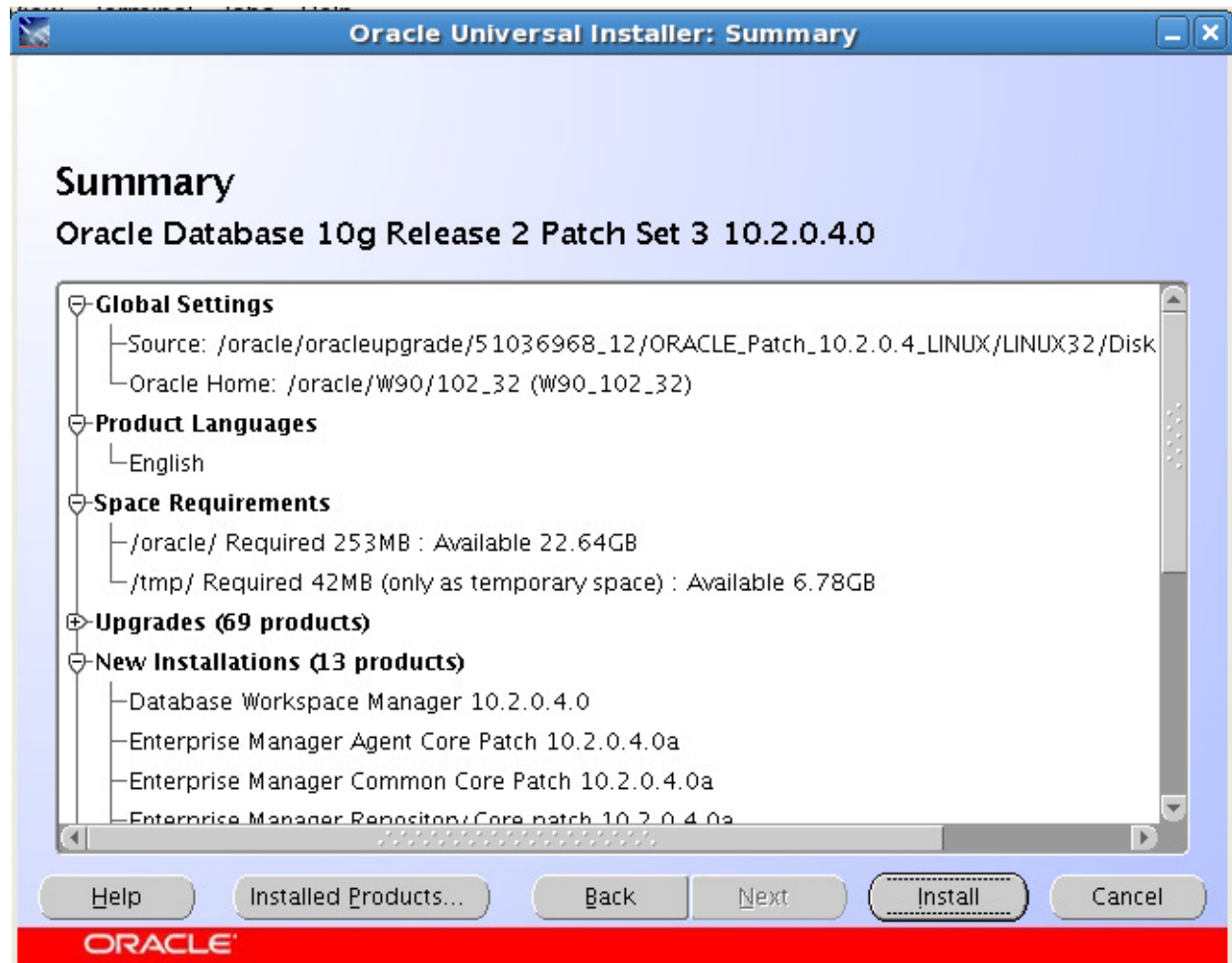
Provide your CSI Number, Metalink Account and Country Code associated with your service agreement. To verify your information, press "Test Registration" button.

If a connection from your network to the public internet requires you to connect through a Proxy, use "Connection Settings".

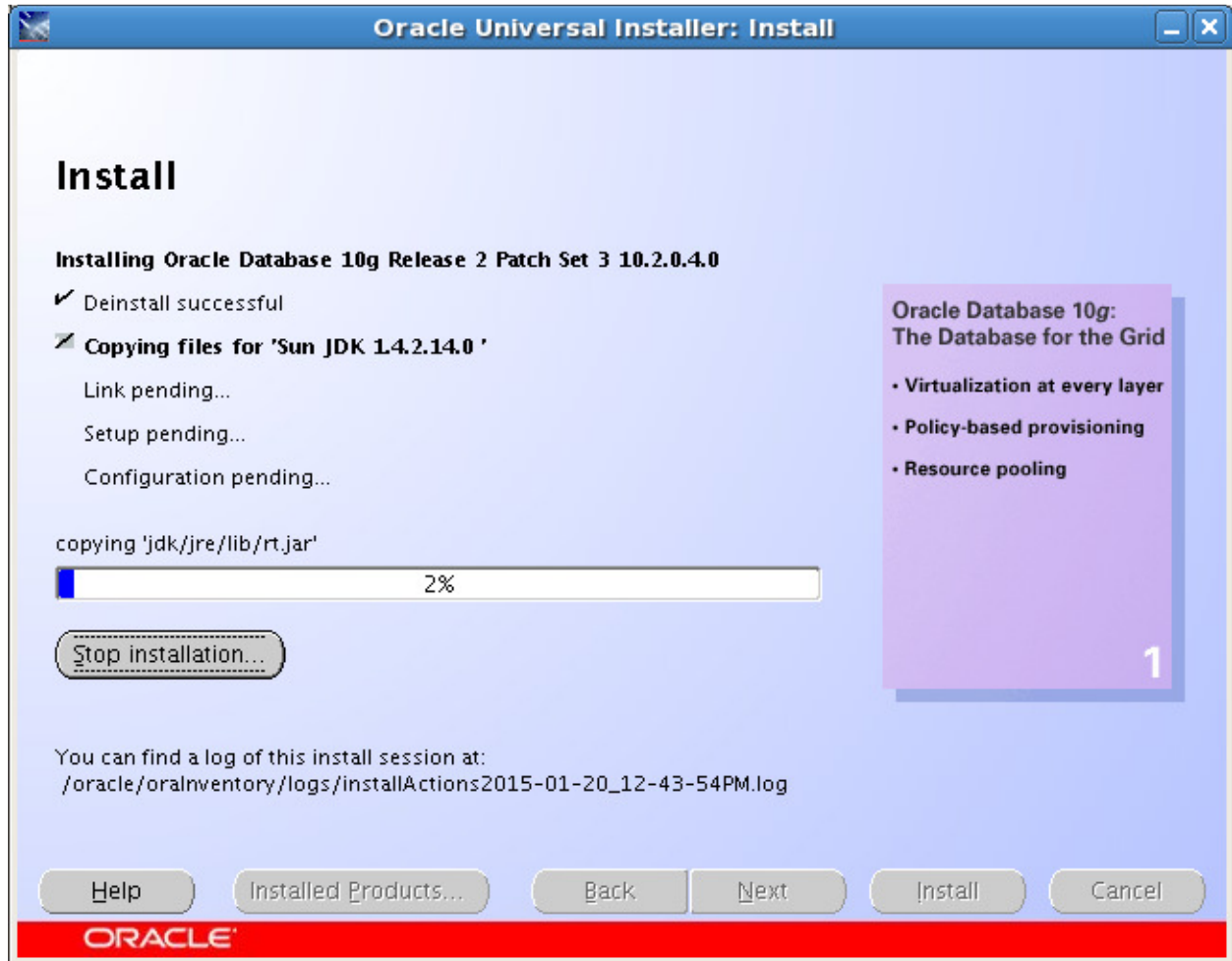
If you choose not to enable Oracle Configuration Manager now, you may refer to the Oracle Configuration Manager Installation and Administration Guide to complete the configuration later.

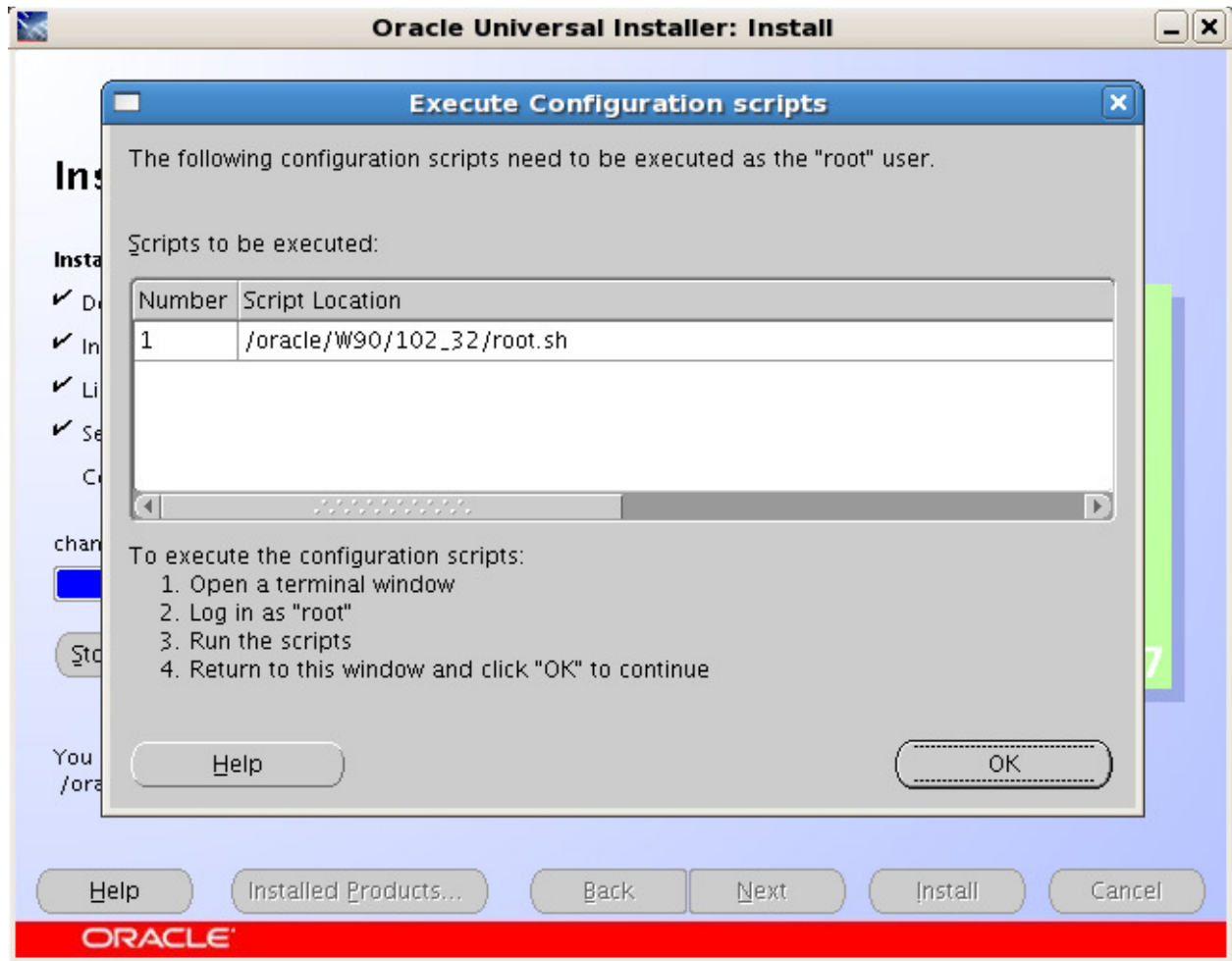
ORACLE

Click on **Next**



Click on **install**





Run the script in new terminal

```
root@willsys90:/
File Edit View Terminal Tabs Help
[root@willsys90 /]# sh /oracle/W90/102_32/root.sh
Running Oracle10 root.sh script...

The following environment variables are set as:
  ORACLE_OWNER= oraw90
  ORACLE_HOME=  /oracle/W90/102_32

Enter the full pathname of the local bin directory: [/usr/local/bin]:
```

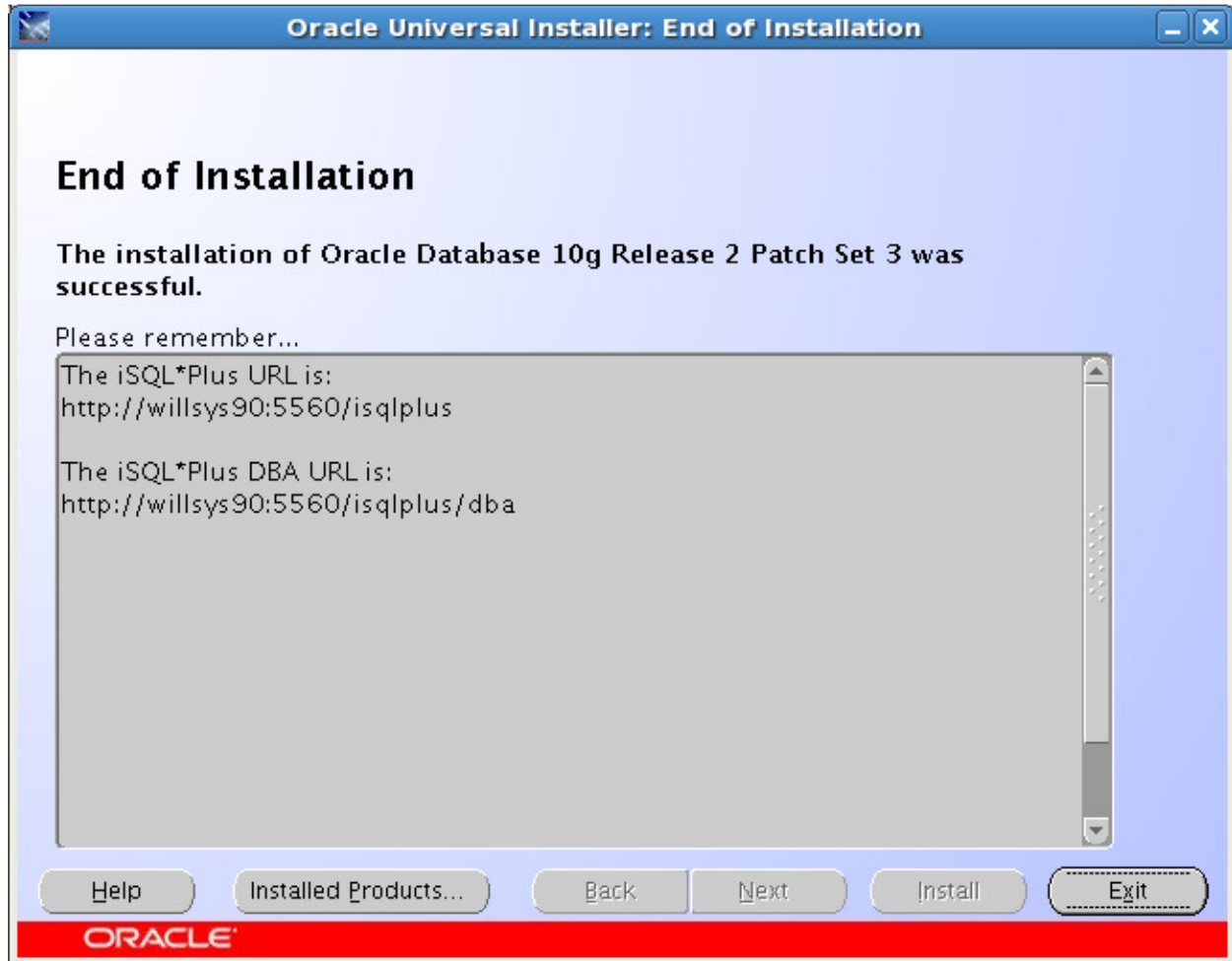
```
root@willsys90:/
File Edit View Terminal Tabs Help
[root@willsys90 /]# sh /oracle/W90/102_32/root.sh
Running Oracle10 root.sh script...

The following environment variables are set as:
  ORACLE_OWNER= oraw90
  ORACLE_HOME=  /oracle/W90/102_32

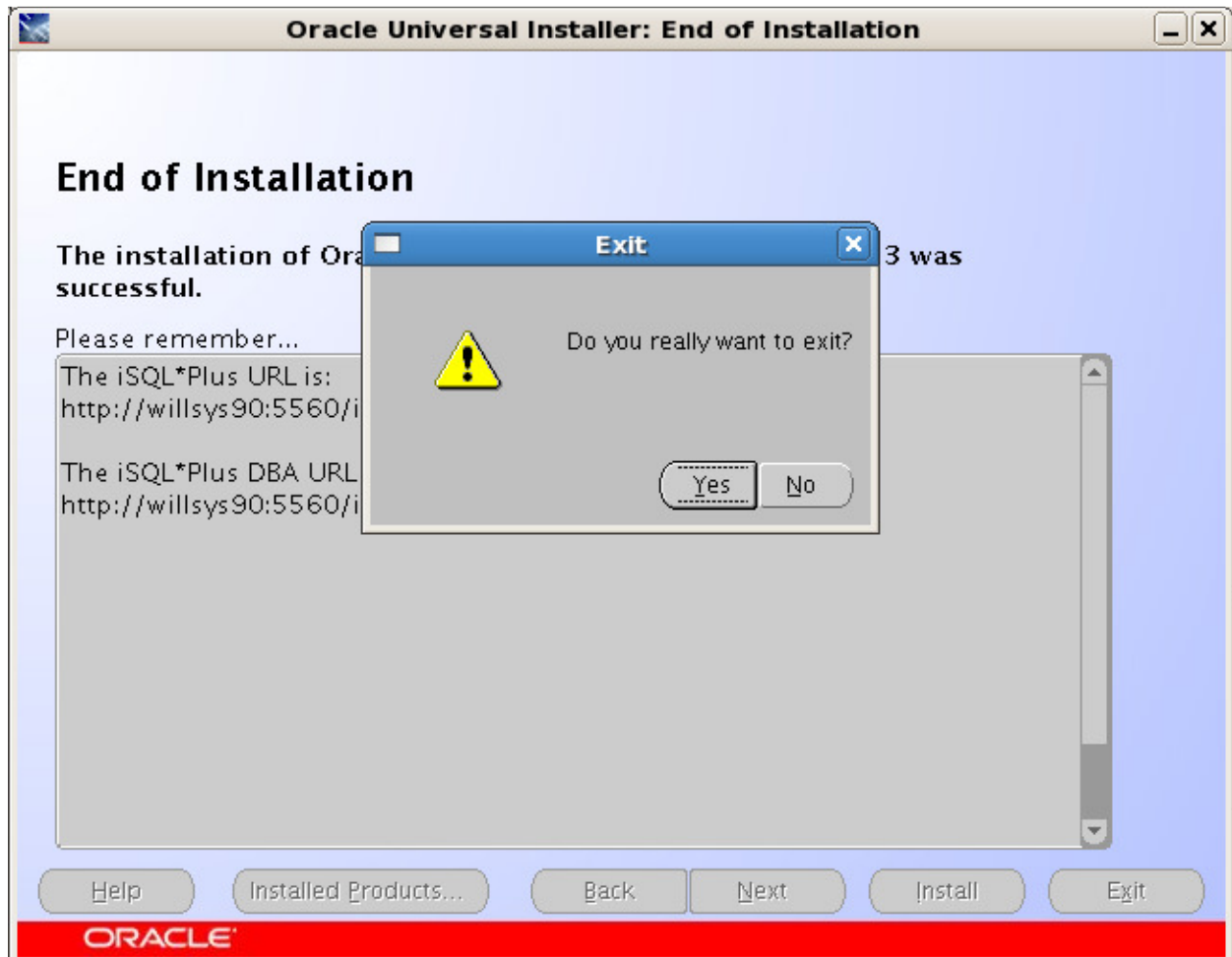
Enter the full pathname of the local bin directory: [/usr/local/bin]:
The file "dbhome" already exists in /usr/local/bin. Overwrite it? (y/n)
[n]: y
  Copying dbhome to /usr/local/bin ...
The file "oraenv" already exists in /usr/local/bin. Overwrite it? (y/n)
[n]: y
  Copying oraenv to /usr/local/bin ...
The file "coraenv" already exists in /usr/local/bin. Overwrite it? (y/n)
[n]: y
  Copying coraenv to /usr/local/bin ...

Entries will be added to the /etc/oratab file as needed by
Database Configuration Assistant when a database is created
Finished running generic part of root.sh script.
Now product-specific root actions will be performed.
[root@willsys90 /]#
```

Click on **OK**



Click on **Exit**



Click on **Yes**


```
File Edit View Terminal Tabs Help
[root@willsys90 /]# su oraw90
willsys90:oraw90 40> cd /oracle/W90/102_32/rdbms/admin/
willsys90:oraw90 41> sqlplus / as sysdba

SQL*Plus: Release 10.2.0.4.0 .

Copyright (c) 1982, 2007, Oracle. All Rights Reserved.

Connected to an idle instance.

SQL>
```

Run the command **startup upgrade** in sql

SQL> startup upgrade

```
File Edit View Terminal Tabs Help
[root@willsys90 /]# su oraw90
willsys90:oraw90 40> cd /oracle/W90/102_32/rdbms/admin/
willsys90:oraw90 41> sqlplus / as sysdba

SQL*Plus: Release 10.2.0.4.0 .

Copyright (c) 1982, 2007, Oracle. All Rights Reserved.

Connected to an idle instance.

SQL> startup upgrade
```

```
File Edit View Terminal Tabs Help
[root@willsys90 /]# su oraw90
willsys90:oraw90 40> cd /oracle/W90/102_32/rdbms/admin/
willsys90:oraw90 41> sqlplus / as sysdba

SQL*Plus: Release 10.2.0.4.0 .

Copyright (c) 1982, 2007, Oracle. All Rights Reserved.

Connected to an idle instance.

SQL> startup upgrade
ORACLE instance started.

Total System Global Area 608174080 bytes
Fixed Size 1268920 bytes
Variable Size 314573640 bytes
Database Buffers 289406976 bytes
Redo Buffers 2924544 bytes
Database mounted.
Database opened.
SQL> █
```

```
[root@willsys90 /]# su oraw90
willsys90:oraw90 40> cd /oracle/W90/102_32/rdbms/admin/
willsys90:oraw90 41> sqlplus / as sysdba

SQL*Plus: Release 10.2.0.4.0

Copyright (c) 1982, 2007, Oracle. All Rights Reserved.

Connected to an idle instance.

SQL> startup upgrade
ORACLE instance started.

Total System Global Area  608174080 bytes
Fixed Size                  1268920 bytes
Variable Size              314573640 bytes
Database Buffers           289406976 bytes
Redo Buffers                2924544 bytes
Database mounted.
Database opened.
SQL> @catupgrd.sql
```

Execute **@catupgrade.sql** in sql

SQL> @catupgrade.sql;

```
File Edit View Terminal Tabs Help
View created.

Synonym created.

View created.

Synonym created.

Grant succeeded.

View created.

Synonym created.

Grant succeeded.

█
```

File Edit View Terminal Tabs Help

Synonym created.

Grant succeeded.

View created.

Synonym created.

Grant succeeded.

View created.

Synonym created.

Grant succeeded.

█

File Edit View Terminal Tabs Help

Comment created.

Comment created.

Comment created.

Comment created.

Comment created.

Synonym created.

Grant succeeded.




```
File Edit View Terminal Tabs Help
Comment created.

Comment created.

Comment created.

Comment created.

Comment created.

View created.

Comment created.

Comment created.

□
```

```
File Edit View Terminal Tabs Help
SQL> DOC
DOC>#####
DOC>#####
DOC>
DOC> The above PL/SQL lists the SERVER components in the upgraded
DOC> database, along with their current version and status.
DOC>
DOC> Please review the status and version columns and look for
DOC> any errors in the spool log file. If there are errors in the spool
DOC> file, or any components are not VALID or not the current version,
DOC> consult the Oracle Database Upgrade Guide for troubleshooting
DOC> recommendations.
DOC>
DOC> Next shutdown immediate, restart for normal operation, and then
DOC> run utlpr.sql to recompile any invalid application objects.
DOC>
DOC>#####
DOC>#####
DOC>#
SQL>
SQL> Rem *****
SQL> Rem END catupgrd.sql
SQL> Rem *****
SQL> □
```

```
File Edit View Terminal Tabs Help
DOC>#####
DOC>#####
DOC>
DOC> The above PL/SQL lists the SERVER components in the upgraded
DOC> database, along with their current version and status.
DOC>
DOC> Please review the status and version columns and look for
DOC> any errors in the spool log file. If there are errors in the spool
DOC> file, or any components are not VALID or not the current version,
DOC> consult the Oracle Database Upgrade Guide for troubleshooting
DOC> recommendations.
DOC>
DOC> Next shutdown immediate, restart for normal operation, and then
DOC> run utlrp.sql to recompile any invalid application objects.
DOC>
DOC>#####
DOC>#####
DOC>#
SQL>
SQL> Rem *****
SQL> Rem END catupgrd.sql
SQL> Rem *****
SQL> shut immediate
[]
```

```
File Edit View Terminal Tabs Help
DOC> The above PL/SQL lists the SERVER components in the upgraded
DOC> database, along with their current version and status.
DOC>
DOC> Please review the status and version columns and look for
DOC> any errors in the spool log file. If there are errors in the spool
DOC> file, or any components are not VALID or not the current version,
DOC> consult the Oracle Database Upgrade Guide for troubleshooting
DOC> recommendations.
DOC>
DOC> Next shutdown immediate, restart for normal operation, and then
DOC> run utlrp.sql to recompile any invalid application objects.
DOC>
DOC>#####
DOC>#####
DOC>#
SQL>
SQL> Rem *****
SQL> Rem END catupgrd.sql
SQL> Rem *****
SQL> shut immediate
Database closed.
Database dismounted.
ORACLE instance shut down.
SQL> □
```

Shutdown the database by using **shut immediate** command in sql

SQL> shut immediate

```
File Edit View Terminal Tabs Help
DOC> run utlrp.sql to recompile any invalid application objects.
DOC>
DOC>#####
DOC>#####
DOC>#
SQL>
SQL> Rem *****
SQL> Rem END catupgrd.sql
SQL> Rem *****
SQL> shut immediate
Database closed.
Database dismounted.
ORACLE instance shut down.
SQL> startup
ORACLE instance started.

Total System Global Area 608174080 bytes
Fixed Size 1268920 bytes
Variable Size 314573640 bytes
Database Buffers 289406976 bytes
Redo Buffers 2924544 bytes
Database mounted.
Database opened.
SQL> █
```

Start the database by using startup

SQL> startup

```
File Edit View Terminal Tabs Help
DOC> run utlrlp.sql to recompile any invalid application objects.
DOC>
DOC>#####
DOC>#####
DOC>#
SQL>
SQL> Rem *****
SQL> Rem END catupgrd.sql
SQL> Rem *****
SQL> shut immediate
Database closed.
Database dismounted.
ORACLE instance shut down.
SQL> startup
ORACLE instance started.

Total System Global Area 608174080 bytes
Fixed Size 1268920 bytes
Variable Size 314573640 bytes
Database Buffers 289406976 bytes
Redo Buffers 2924544 bytes
Database mounted.
Database opened.
SQL> @utlrlp.sql;
```

Execute @utlrlp.sql;

SQL> @utlrlp.sql;

```
File Edit View Terminal Tabs Help
SQL>
SQL> SET serveroutput on
SQL> EXECUTE dbms_registry_sys.validate_components;

PL/SQL procedure successfully completed.

SQL> SET serveroutput off
SQL>
SQL>
SQL> Rem =====
====
SQL> Rem END utlrp.sql
SQL> Rem =====
====
SQL> select status from v$instance
  2  ;

STATUS
-----
OPEN

1 row selected.

SQL> □
```

Check the data base status by using **select status from v\$instance;**

```
File Edit View Terminal Tabs Help
PL/SQL procedure successfully completed.

SQL> SET serveroutput off
SQL>
SQL>
SQL> Rem =====
=====
SQL> Rem END utlrp.sql
SQL> Rem =====
=====
SQL> select status from v$instance
 2 ;

STATUS
-----
OPEN

1 row selected.

SQL> exit
Disconnected from Oracle Database 10g Enterprise Edition Release 10.2.0.4.0 - Pr
oduction
With the Partitioning, Data Mining and Real Application Testing options
willsys90:oraw90 42> □
```


Check the patch level by using listener status

Willsys90:oraw90 42> lsnrctl status

```
willsys90:oraw90 42> lsnrctl status

LSNRCTL for Linux: Version 10.2.0.4.0 - Production on
Copyright (c) 1991, 2007, Oracle. All rights reserved.

Connecting to (ADDRESS=(PROTOCOL=IPC)(KEY=W90.WORLD))
TNS-12541: TNS:no listener
TNS-12560: TNS:protocol adapter error
TNS-00511: No listener
Linux Error: 111: Connection refused
Connecting to (ADDRESS=(PROTOCOL=IPC)(KEY=W90))
TNS-12541: TNS:no listener
TNS-12560: TNS:protocol adapter error
TNS-00511: No listener
Linux Error: 111: Connection refused
Connecting to (ADDRESS=(COMMUNITY=SAP.WORLD)(PROTOCOL=TCP)(HOST=willsys90)(PORT=
1527))
TNS-12541: TNS:no listener
TNS-12560: TNS:protocol adapter error
TNS-00511: No listener
Linux Error: 111: Connection refused
willsys90:oraw90 43> 
```

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<http://service.sap.com>

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www.help.sap.com

www.sdn.sap.com/irj/sdn/index.

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