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IMG_256

**APPLIES TO:**

Oracle Database - Enterprise Edition - Version 9.2.0.1 to 12.1.0.2 [Release 9.2 to 12.1]  
 Oracle Database - Standard Edition - Version 9.2.0.1 to 12.1.0.2 [Release 9.2 to 12.1]  
 Oracle Universal Installer - Version 2.2.0.18 to 12.1.0.2  
 Information in this document applies to any platform.

**GOAL**

How to find the log files for OPatch and OUI ( Oracle Universal Installer) ?

**SOLUTION**

**OPatch (Common for Windows and Unix)**

**OPatch version - 1.0.0.0.XX. (Oracle RDBMS -9.2.0.X.X and 10.1.0.X.X )**   
  
In the list below, locate the command you executed. The location of the log is listed after the command.

1) **opatch lsinventory -detail**   
<ORACLE\_HOME>/.patch\_storage/LsInventory\_\_<timestamp>.log

2) **opatch lsinventory -all**   
<ORACLE\_HOME>/.patch\_storage/LsInventory\_\_<timestamp>.log

3) **opatch apply**   
<ORACLE\_HOME>/.patch\_storage/<ID of patch>/Apply\_<ID of patch>\_<timestamp>.log

4) **opatch rollback -id <ID of patch>**   
<ORACLE\_HOME>/.patch\_storage/<ID of patch>/RollBack\_\_<ID of patch>\_<timestamp>.log

**OPatch version -10.2.0.X.X and 11.2.0.1.x**

Every OPatch command that is executed is recorded in the file <ORACLE\_HOME>/cfgtoollogs/opatch/opatch\_history.txt.

**Example:**

Date & Time : Mon Mar 24 15:41:00 EST 2008  
 Oracle Home : /u03/app/oracle/product/10.2.0.3  
 OPatch Ver. : 10.2.0.3.4  
 Current Dir : /cpu/10203/apr/6864068  
 Command : napply -skip\_subset -skip\_duplicate  
 Log File : /u03/app/oracle/product/10.2.0.3/cfgtoollogs/opatch/opatch2008-03-24\_15-41-00PM.log  
  
 Date & Time : Mon Mar 24 16:08:42 EST 2008  
 Oracle Home : /u03/app/oracle/product/10.2.0.3  
 OPatch Ver. : 10.2.0.3.4  
 Current Dir : /cpu/10203/apr/6864068  
 Command : nrollback -id 6121183,6121242,6121243,6121244,6121245,6121246,6121249,6121250  
 Log File : /u03/app/oracle/product/10.2.0.3/cfgtoollogs/opatch/opatch2008-03-24\_16-08-42PM.log  
  
 Date & Time : Mon Mar 24 16:14:13 EST 2008  
 Oracle Home : /u03/app/oracle/product/10.2.0.3  
 OPatch Ver. : 10.2.0.3.4  
 Current Dir : /cpu/10203/apr/6864068  
 Command : lsinventory  
 Log File : /u03/app/oracle/product/10.2.0.3/cfgtoollogs/opatch/opatch2008-03-24\_16-14-13PM.log

This data should be used to locate the correct Log File.   
 The file is appended, so the current information is located at the end of the file.  
 It is also recommended that if a log file is uploaded to Oracle, this file is also  uploaded.

In the list below, locate the command you executed. The location of the log is listed after the command.

1) **opatch lsinventory -detail** <ORACLE\_HOME>/cfgtoollogs/opatch/lsinv/lsinventory-<timestamp>.txt  
 <ORACLE\_HOME>/cfgtoollogs/opatch/opatch-<timestamp>.log

2) **opatch lsinventory -all** <ORACLE\_HOME>/cfgtoollogs/opatch/lsinv/lsinventory-<timestamp>.txt  
 <ORACLE\_HOME>/cfgtoollogs/opatch/opatch-<timestamp>.log

3) **opatch apply** <ORACLE\_HOME>/cfgtoollogs/opatch/opatch-<timestamp>.log

4) **opatch rollback -id <ID of patch>**   
<ORACLE\_HOME>/ cfgtoollogs/opatch/opatch-<timestamp>.log

**OPatch version 11.1.0.9.x (x>=7) and 11.2.0.3.x**

**11GR1 :**

From version 11.1.0.9.7 of OPatch the location of .log for the apply and rollback operations are no more the same  
 as with previous versions of OPatch (this change does not apply to lsinventory and n-apply operations) :  
  
 instead of  
 $ORACLE\_HOME/cfgtoollogs/opatch/opatch<timestamp>.log  
 it is now  
 $ORACLE\_HOME/cfgtoollogs/opatch/<ID of patch>\_<timestamp>/<action><timestamp>.log  
  
 <action> being "apply" or "rollback"

**11.2.0.3.x :**   
  
With last version of OPatch (11.2.0.3.3)  :  
  
 - location of .log for apply, lsinventory, n-apply operations remain the same as for **10.2.0.x** i.e  
  
 $ORACLE\_HOME/cfgtoollogs/opatch  
  
 - location of .log for rollback operations is the same as for last **11GR1** versions (11.1.0.9.x (x>=7))  i.e :  
  
 $ORACLE\_HOME/cfgtoollogs/opatch/<ID of patch>\_<timestamp>/rollback<timestamp>.log  
  
 This rule won't apply for new composite PSU as "opatch apply" is in fact generating a N-Apply statement for composite patches,  
 so for new composite patches the location of OPatch .log will remain the same i.e  
 $ORACLE\_HOME/cfgtoollogs/opatch/opatch<timestamp>.log

**ATTENTION :**   
  
With first 11.2.0.3.x versions (ex.: 11.2.0.3.0) the location of .log for apply operations will be the same as for last **11GR1** versions (11.1.0.9.x (x>=7)).

For example here is the difference when applying PSU 11.2.0.2.6 (patch 13696224) with  11.2.0.3.0 OPatch and  
 when applying  PSU 11.2.0.3.4 (14275605) with 11.2.0.3.3 OPatch :  
  
  
 with 11.2.0.3.0 OPatch the .log for PSU 11.2.0.2.6 will show :

OPatch version    : 11.2.0.3.0  
 OUI version       : 11.2.0.2.0  
 Log file location : <ORACLE\_HOME>/cfgtoollogs/opatch/13696224\_Apr\_04\_2012\_18\_52\_54/apply2012-04-04\_18-52-54PM\_1.log

with 11.2.0.3.3 OPatch the .log for PSU 11.2.0.3.4 will show :

OPatch version    : 11.2.0.3.3  
 OUI version       : 11.2.0.3.0  
 Log file location : <ORACLE\_HOME>/cfgtoollogs/opatch/opatch2012-12-28\_16-10-54PM\_1.log

(<ORACLE\_HOME> being value for $ORACLE\_HOME)

**12.1.0.1.x :  
  
 Location of .log for apply, lsinventory, n-apply operations is**

$ORACLE\_HOME/cfgtoollogs/opatch

Location of .log for rollback operations is

$ORACLE\_HOME/cfgtoollogs/opatch/<ID of patch>\_<timestamp>/rollback<timestamp>.log

This rule won't apply for new composite PSU as "opatch apply" is in fact generating a N-Apply statement for composite patches, so for new composite patches the location of OPatch .log is

$ORACLE\_HOME/cfgtoollogs/opatch/opatch<timestamp>.log

**Oracle Universal Installer (OUI)**   
  
9.2.0.X.X, 10.1.0.X.X, 10.2.0.X.X and 11.2.0.X.X   
  
The logs are found in <central\_inventory>/logs directory.  
 From 10gr2 version , the logs are also found in <ORACLE\_HOME>/cfgtoollogs/oui  
  
 In Windows the location of the central inventory can be found from the value of the pointer orainst\_loc that can be found from the HKEY\_LOCAL\_MACHINE\SOFTWARE\ORACLE\ key in the registry. By default the central inventory exists in C:\Program Files\Oracle\Inventory.  
  
 In Unix the location of central inventory (oraInventory) can be found from the oraInst.loc file, which exists in the /var/opt/oracle or /etc/ (By default).  
  
 **The logs will be as below:**

**9.2.0.X.X, 10.1.0.X.X, 10.2.0.X.X, 11.1.0.X.X , 11.2.0.X.X and 12.1.0.X.X**

<Central\_Inventory>/logs/InstallActions<timestamp>.log  
 <Central\_Inventory>/logs/oraInstall<timestamp>.out  
 <Central\_Inventory>/logs/oraInstall<timestamp>.err  
 <Central\_Inventory>/logs/silentInstall<timestamp>.log   (only for Silent installations)

**10.2.0.X.X to 12.1.0.X.X only**

<ORACLE\_HOME>/cfgtoollogs/oui/InstallActions<timestamp>.log   
 <ORACLE\_HOME>/cfgtoollogs/oui/oraInstall<timestamp>.out   
 <ORACLE\_HOME>/cfgtoollogs/oui/oraInstall<timestamp>.err   
 <ORACLE\_HOME>/cfgtoollogs/oui/silentInstall<timestamp>.log   (only for Silent installations)

The logs for Cloning can be found in under central inventory and Oracle Home as below :

**Logfiles in Central Inventory:**

<Central\_Inventory>/logs/cloneActions timestamp.log  
          Contains a detailed log of the actions that occur during the OUI part of the cloning.  
  
 <Central\_Inventory>/logs/oraInstall timestamp.err  
          Contains information about errors that occur when OUI is running.  
  
 <Central\_Inventory>/logs/oraInstall timestamp.out  
         Contains other miscellaneous messages generated by OUI.

**Logfiles in $ORACLE\_HOME:**

$ORACLE\_HOME/clone/logs/clone timestamp.log  
            Contains a detailed log of the actions that occur during the pre-cloning and cloning operations.  
  
 $ORACLE\_HOME/clone/logs/error timestamp.log  
            Contains information about errors that occur during the pre-cloning and cloning operations.

**REFERENCES**

[NOTE:1156586.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=403212.1&id=1156586.1) - Master Note For Oracle Database Server Installation  
[NOTE:1351051.2](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=403212.1&id=1351051.2) - Information Center: Install and Configure Database Server/Client Installations  
[NOTE:224346.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=403212.1&id=224346.1) - OPatch - Where Can I Find the Latest Version of OPatch? [Video]  
[NOTE:1351428.2](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=403212.1&id=1351428.2) - Information Center: Patching and Maintaining Oracle Database Server/Client Installations