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| |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | | **Do Patchset Updates (PSU's) Change the Oracle Release Version/Fifth Digit? (Doc ID 861152.1)** | [IMG_256](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=351945880680621%26id=861152.1%26_adf.ctrl-state=89vkle9by_208)  [To Bottom](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=351945880680621&id=861152.1&_adf.ctrl-state=89vkle9by_208) | IMG_257 |     IMG_258   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | **In this Document**   |  |  | | --- | --- | |  | [Goal](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=351945880680621&id=861152.1&_adf.ctrl-state=89vkle9by_208" \l "GOAL) |  |  |  | | --- | --- | |  | [Solution](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=351945880680621&id=861152.1&_adf.ctrl-state=89vkle9by_208" \l "FIX) |  |  |  | | --- | --- | |  | [References](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=351945880680621&id=861152.1&_adf.ctrl-state=89vkle9by_208" \l "REF) |    Applies to: Oracle Database - Enterprise Edition - Version 10.2.0.4 to 12.1.0.2 [Release 10.2 to 12.1]  Information in this document applies to any platform. Goal This article helps to find whether  PSU released for Oracle Database Server 10gR2  ( 10.2.0.x  ) and 11gR1 (11.1.0.x) ,11g R2  (11.2.0.x )  and 12c R1 (12.1.0.1) change the database version. Solution Do Patchset Updates (PSU's) Change the Oracle Release Version/Fifth Digit?  Answer: NO.   The PSU  i.e 10.2.0.4.x or higher , 11.1.0.7.x  and 11.2.0.1.x or higher and 12.1.0.x released for Oracle Database Server version 10.2.0.4.x or higher  , 11.1..0.7.0 ,11.2.0.1 or higher and 12.1.0.x   respectively does NOT change the database version . That means PSU  10.2.0.4.x /10.2.0.5.x, 11.1.0.7.x, 11.2.0.1.x /11.2.0.2.x/11.2.0.3.x/11.2.0.4.x and 12.1.0.1. x  ( where x is the fifth digit ) does NOT change the 5th digit of the Oracle Database Server version.   After applying the PSU "opatch lsinventory" still shows the version as 10.2.0.4.0/10.2.0.5.0 for Oracle 10g R2, 11.1.0.7 for Oracle 11g R1 , 11.2.0.1 /11.2.0.2/11.2.0.3/11.2.0.4 for Oracle 11g R2 and 12.1.0.1 for Oracle 12c R1   PSU's also will not change the version of oracle binaries (like sqlplus, exp/imp etc.)  Note : It is also applicable for the Oracle Enterprise Manager Grid Control and EM Agent   Although Patch Set Updates are referenced by their 5-place version number, with the 10.2 , 11.1 and 11.2  PSUs the product banners and Oracle Universal Installer (OUI) information are not updated with the new version number. For the 10.2 ,11.1 ,11.2 and 12.1 PSUs, use the OPatch inventory information to determine the PSU version currently installed.  example:  > opatch lsinventory  And compare it to the version table listed in  [Note 854428.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=861152.1&id=854428.1) Patch Set Updates for Oracle Products   Section 7, "Determining the Patch Set Update Version"  or  1. Make sure your opatch version is at or above   * 10.2.0.5.1 for version 10.2 ORACLE\_HOMEs * 11.1.0.12.9 for version 11.1 ORACLE\_HOMEs * 11.2.0.3.15 for version 11.2 ORACLE\_HOMEs * 12.2.0.1.8 for version 12.1 ORACLE\_HOMEs   $ opatch version  Invoking OPatch 10.2.0.4.8   OPatch Version: 10.2.0.4.8  2. Verify if PSU is installed in the ORACLE\_HOME  **$ opatch lsinventory -bugs\_fixed | egrep 'PSU|PATCH SET UPDATE'   ... 12827740 13343461 Wed Feb 22 07:11:36 GMT 2012 DATABASE PSU 11.1.0.7.9 (INCLUDES CPUOCT2011)  13343461 13343461 Wed Feb 22 07:11:36 GMT 2012 DATABASE PATCH SET UPDATE 11.1.0.7.10 (INCLUDES**  3. Verify the PSU Post Install steps were run in the DB  select substr(action\_time,1,30) action\_time,  substr(id,1,10) id,  substr(action,1,10) action,  substr(version,1,8) version,  substr(BUNDLE\_SERIES,1,6) bundle,  substr(comments,1,20) comments  from registry$history;  ACTION\_TIME                  ID ACTION VERSION  BUNDLE COMMENTS  ---------------------------- -- ------ -------- ------ --------------  23-AUG-10 07.28.02.856762 AM 4  APPLY  10.2.0.4 PSU    PSU 10.2.0.4.3  23-AUG-10 07.31.48.001892 AM 1  APPLY  10.2.0.4 PSU    PSU 10.2.0.4.4    For Oracle database server 12c R1 and later  SQL> select PATCH\_ID,ACTION,STATUS,ACTION\_TIME,DESCRIPTION from registry$sqlpatch;    **For Windows** : You get the output as mentioned below  Example output :  ACTION\_TIME                    ID ACTION VERSION  BUNDLE COMMENTS  ----------------------------   -- ------ -------- ------ --------------  30-JUL-12 10.28.44.656000 PM               20   APPLY     11.2.0.2    WINBUN      Patch 20    For Oracle database server 12c R1 and later  SQL> select PATCH\_ID,ACTION,STATUS,ACTION\_TIME,DESCRIPTION from registry$sqlpatch;     PATCH\_ID  ACTION    STATUS       ACTION\_TIME                    DESCRIPTION  ---------- --------- -------      ------------              -----------------------       19542943 APPLY   SUCCESS   30-OCT-14 11.31.36.948000 PM         bundle:PSU      Note: The registry$history will not contain the row showing the PSU Post Install step was executed unless catbundle.sql is executed.  This means if the Post Install steps were skipped because the db was upgraded or created after installing the PSU, this row will not exist | | |