

Oracle ????

- [Install Oracle 10g R2 on CentOS 5/6 64-bit](#)
- [Oracle 11g Tips](#)

?????? patch set

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\$ORACLE\_HOME/OPatch/opatch lsinventory

Invoking OPatch 10.2.0.4.9

Oracle Interim Patch Installer version 10.2.0.4.9  
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Oracle Home : /opt/oracle/product/10.2.0/db\_1  
 Central Inventory : /opt/oracle/oraInventory  
 from : /etc/oraInst.loc  
 OPatch version : 10.2.0.4.9  
 OUI version : 10.2.0.5.0  
 OUI location : /opt/oracle/product/10.2.0/db\_1/oui  
 Log file location : /opt/oracle/product/10.2.0/db\_1/cfgtoollogs/opatch/opatch2014-02-20\_14-44-37PM.log

Patch history file: /opt/oracle/product/10.2.0/db\_1/cfgtoollogs/opatch/opatch\_history.txt

Lsinventory Output file location : /opt/oracle/product/10.2.0/db\_1/cfgtoollogs/opatch/lsinv/  
 lsinventory2014-02-20\_14-44-37PM.txt

-----  
 Installed Top-level Products (3):

Oracle Client	10.2.0.1.0	
Oracle Database 10g	10.2.0.1.0	
Oracle Database 10g Release 2 Patch Set 4		10.2.0.5.0

There are 3 products installed in this Oracle Home.

There are no Interim patches installed in this Oracle Home.

-----  
 OPatch succeeded.

????

```
./opatch lsinventory -bugs_fixed
```

```
// ?? PSU - Patch Set Update
```

```
./opatch lsinventory -bugs_fixed | grep -i -E 'DATABASE PSU|DATABASE PATCH SET UPDATE'
```

```
????? EE ? SE ?
```

```
SE ?
```

```
SQL> select * from v$version;
```

```
BANNER
```

```
-----
Oracle Database 10g Release 10.2.0.5.0 - 64bit Production <=====
PL/SQL Release 10.2.0.5.0 - Production
CORE 10.2.0.5.0 Production
TNS for Linux: Version 10.2.0.5.0 - Production
NLSRTL Version 10.2.0.5.0 - Production
```

```
EE ?
```

```
SQL> select * from v$version;
```

```
BANNER
```

```
-----
Oracle Database 10g Enterprise Edition Release 10.2.0.5.0 - 64bi <=====
PL/SQL Release 10.2.0.5.0 - Production
CORE 10.2.0.5.0 Production
TNS for Linux: Version 10.2.0.5.0 - Production
NLSRTL Version 10.2.0.5.0 - Production
```

```
???? Oracle ? 32 bit ? 64 bit?
```

```
????
```

Go to \$ORACLE\_HOME/bin and see.

```
# cd $ORACLE_HOME/bin
```

```
# file oracle
```

```
oracle: ELF 64-bit LSB executable AMD64 Version 1, dynamically linked, not stripped
```

Here it comes 64 bit and hence oracle software is 64 bit. If the output of the "file oracle" command does not say 64-bit explicitly then you are running 32-bit Oracle.

If you had 32 bit oracle software installed then output will be like,

```
oracle@sol:/db/oracle/bin$ file oracle
```

```
oracle: setuid setgid ELF 32-bit LSB executable, Intel 80386, version 1 (SYSV), dynamically linked (uses shared libs), not stripped
```

????

```
[oracle@ora10g ~]$ sqlplus / as sysdba
```

```
SQL*Plus: Release 10.2.0.5.0 - Production on Thu Jan 23 15:56:19 2014
```

```
Copyright (c) 1982, 2010, Oracle. All Rights Reserved.
```

```
Connected to:
```

```
Oracle Database 10g Enterprise Edition Release 10.2.0.5.0 - 64bit Production
```

```
With the Partitioning, OLAP, Data Mining and Real Application Testing options
```

????

```
SQL> select * from v$version;
```

```
BANNER
```

```
-----  
Oracle Database 10g Enterprise Edition Release 10.2.0.5.0 - 64bi
```

```
PL/SQL Release 10.2.0.5.0 - Production
```

```
CORE 10.2.0.5.0 Production
```

```
TNS for Linux: Version 10.2.0.5.0 - Production
```

```
NLSRTL Version 10.2.0.5.0 - Production
```