

-:Description:-

This article we are going to see steps used to apply the latest Oracle 19c Database Release Update 19.22.0.0.240116 (Patch 35943157)

The environment is single instance database.

Note:-

- 1)Review readme file on Patch 35943157 – Database Release Update 19.22.0.0.0
- 2)Download patch p35943157_190000_Linux-x86-64.zip
- 3)Make sure the opatch version is minimum 12.2.0.1.17

Step:-1 Download the Patch from oracle support

p35943157_190000_Linux-x86-64.zip

p6880880_230000_LINUX.zip

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Patch 35943157: DATABASE RELEASE UPDATE 19.22.0.0.0

Last Updated 16-Jan-2024 19:44 (9+ months ago)

Product	Oracle Database - Enterprise Edition	Size	1.7 GB
Release	Oracle Database 19.0.0.0.0	Download Access	Software
Platform	Linux x86-64	Classification	Superseded
		Patch Tag	

This Patch has been Superseded.

Reason

Patch 36233263 is a superset of patch 35943157

Note

This patch was originally replaced by patch 36233263. The most recent replacement for this patch is 36582781.

Replacement Options (Patches or Patchsets known to Include or Supersede this Patch)

36233263	DATABASE RELEASE UPDATE 19.23.0.0.0	Patch
36582781	DATABASE RELEASE UPDATE 19.24.0.0.0	Patch

Bugs Resolved by This Patch

10121473	INCORRECT WAIT EVENT PARAMETER DESCRIPTION FOR "LIBRARY CACHE LOCK"
----------	---

File Download

Click each file name to download the selected files.
Tip: Use a Download Manager [Learn More...](#)

☐ Include Prerequisites

DATABASE RELEASE UPDATE 19.22.0.0.0 (Patch)

p35943157_190000_Linux-x86-64.zip 1.7 GB

This Patch has been Superseded.

Reason

Patch 36233263 is a superset of patch 35943157

Replacement Options

36233263	DATABASE RELEASE UPDATE 19.23.0.0.0	Patch
36582781	DATABASE RELEASE UPDATE 19.24.0.0.0	Patch

Total 1 File (1 Patch) About 28+ minutes (at 1024 KB/sec) 1.7 GB

Note: A Single patch or product bundle can contain multiple files.

support.oracle.com/epmos/faces/DocumentDisplay?_afLoop=92425295776216&parent=DOCUMENT&sourceId=2118136.2&id=293369.1&_afWindowMode=

Oracle Enterprise Service Bus - Version 10.1.3.5 to 10.1.3.5
 Siebel CRM - Version 8.1.1.8 [23012] to 8.1.1.11 [IP2013] [Release V8]
 Oracle Universal Installer - Version 1.0.0.0.50 and later
 Information in this document applies to any platform.

PURPOSE

To provide a comprehensive list of commonly used OPatch notes.

SCOPE

This is applicable to all levels of expertise for OPatch.

DETAILS

Ask Questions, Get Help, And Share Your Experiences With This Article

Would you like to explore this topic further with other Oracle Customers, Oracle Employees, and Industry Experts?

Discover discussions about other articles and helpful subjects by clicking [here](#) to access the main *My Oracle Support Community* page for Database Install/Upgrade.

Please download the latest OPatch version from My Oracle Support (MOS) using the next reference:

Patch [6880880](#)

Or using the next URL:

<https://updates.oracle.com/download/6880880.html>

Patch 6880880

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Description
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 Size
 Entitlement Class ⓘ
 Classification ⓘ

OPatch 12.2.0.1.43 for DB 23.0.0.0.0 (Jul 2024)
 Oracle Global Lifecycle Management OPatch
 OPatch for DB 23.0.0.0.0
 Linux x86
 15-JUL-2024
 28M (29439665 bytes)
 Software
 General

Download

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View Digest

Patchsets known to include or supersede Patch 6880880 ⓘ

No information available from the patch repository

Download Notes

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Step:-2 Copied the patch to DB Server:

```
[oracle@standby data]$ cd Patches/
[oracle@standby Patches]$
[oracle@standby Patches]$ ll
total 1804056
-rwxrwxr-x. 1 oracle oinstall 1817908992 Oct 14 11:18 p35943157_190000_Linux-x86-64.zip
-rwxrwxr-x. 1 oracle oinstall 29439665 Oct 14 11:37 p6880880_230000_LINUX.zip
[oracle@standby Patches]$
```

Step:-3 Upgrade OPatch Tool from 12.2.0.1.17 to 12.2.0.1.43:

oracle@standby:/u01/app/oracle/product/19.0.0/dbhome_1/OPatch

```
[oracle@standby OPatch]$ ./opatch version
OPatch Version: 12.2.0.1.17

OPatch succeeded.
[oracle@standby OPatch]$ ./opatch lspatches
29585399;OCW RELEASE UPDATE 19.3.0.0.0 (29585399)
29517242;Database Release Update : 19.3.0.0.190416 (29517242)

OPatch succeeded.
[oracle@standby OPatch]$ ./opatch lsinv|grep applied
Patch 29585399      : applied on Thu Apr 18 12:51:33 IST 2019
Patch 29517242     : applied on Thu Apr 18 12:51:17 IST 2019
[oracle@standby OPatch]$
```

```
[oracle@standby data]$ cd Patches/
[oracle@standby Patches]$
[oracle@standby Patches]$ ll
total 1804056
-rwxrwxr-x. 1 oracle oinstall 1817908992 Oct 14 11:18 p35943157_190000_Linux-x86-64.zip
-rwxrwxr-x. 1 oracle oinstall 29439665 Oct 14 11:37 p6880880_230000_LINUX.zip
[oracle@standby Patches]$
[oracle@standby Patches]$ unzip p35943157_190000_Linux-x86-64.zip
```

oracle@standby:/data/Patches

```
inflating: 35943157/files/sqlpatch/sqlpatch.pm
inflating: 35943157/files/sqlpatch/sqlpatch.bat
inflating: 35943157/files/sqlpatch/sqlpatch_app_end.sql
inflating: 35943157/files/sqlpatch/sqlpatch
  creating: 35943157/files/owm/
  creating: 35943157/files/owm/install/
inflating: 35943157/files/owm/install/mkstore.sbs
inflating: 35943157/files/owm/install/orapki.sbs
  creating: 35943157/files/owm/jlib/
inflating: 35943157/files/owm/jlib/owm-3_0.jar
inflating: 35943157/files/owm/jlib/owm_help.jar
inflating: 35943157/files/owm/jlib/owm-images.jar
extracting: 35943157/README.txt
  creating: 35943157/custom/
  creating: 35943157/custom/scripts/
inflating: 35943157/custom/scripts/prepatch.sh
inflating: 35943157/custom/scripts/init
  creating: 35943157/etc/
  creating: 35943157/etc/config/
inflating: 35943157/etc/config/actions.xml
inflating: 35943157/etc/config/stringsubs.xml
inflating: 35943157/etc/config/inventory.xml
inflating: 35943157/README.html
inflating: PatchSearch.xml
[oracle@standby Patches]$ ll
total 1805880
drwxr-xr-x. 5 oracle oinstall      81 Jan 13 2024 35943157
-rwxrwxr-x. 1 oracle oinstall 1817908992 Oct 14 11:18 p35943157_190000_Linux-x86-64.zip
-rwxrwxr-x. 1 oracle oinstall 29439665 Oct 14 11:37 p6880880_230000_LINUX.zip
-rw-rw-r--. 1 oracle oinstall 1866175 Jan 16 2024 PatchSearch.xml
[oracle@standby Patches]$ pwd
/data/Patches
[oracle@standby Patches]$
```

Check the database_role, create pfile from spfile & take backup of controlfile:

oracle@standby:/u01/app/oracle/product/19.0.0/dbhome_1/OPatch

```
SQL> select name,open_mode,controlfile_type,database_role from v$database;

NAME          OPEN_MODE          CONTROL DATABASE_ROLE
-----
PRODDDB       READ ONLY WITH APPLY STANDBY PHYSICAL STANDBY

SQL> show parameter spfile

NAME                                TYPE                VALUE
-----
spfile                                string              /u01/app/oracle/product/19.0.0/
dbhome_1/dbs/spfilestdby.ora

SQL> select name from v$controlfile
2 ;

NAME
-----
/u01/app/oracle/oradata/stdby/controlfile/o1_mf_mjff6smyo_.ctl
/u01/app/oracle/fast_recovery_area/stdby/controlfile/o1_mf_mjf6sn03_.ctl

SQL>
SQL> create pfile='$ORACLE_HOME/dbs/init_stdby_141024.ora' from spfile;

File created.

SQL> alter database backup controlfile to '$ORACLE_HOME/dbs/ctl_stdby_141024.ctl';

Database altered.

SQL>
```

CHECK CONFLICT

=====

opatch prereq checkConflictAgainstOHWithDetail -ph ./

```
[oracle@standby 35943157]$
[oracle@standby 35943157]$ opatch prereq checkConflictAgainstOHWithDetail -ph ./
Oracle Interim Patch Installer version 12.2.0.1.17
Copyright (c) 2024, Oracle Corporation. All rights reserved.

PREREQ session

Oracle Home      : /u01/app/oracle/product/19.0.0/dbhome_1
Central Inventory : /u01/app/oraInventory
   from           : /u01/app/oracle/product/19.0.0/dbhome_1/oraInst.loc
OPatch version   : 12.2.0.1.17
OUI version      : 12.2.0.7.0
Log file location : /u01/app/oracle/product/19.0.0/dbhome_1/cfgtoollogs/opatch/opatch2024-10-14_12-10-07PM_1.log

Invoking prereq "checkconflictagainsthwithdetail"

Prereq "checkConflictAgainstOHWithDetail" passed.

OPatch succeeded.
[oracle@standby 35943157]$
```

opatch prereq checkSystemSpace -ph ./

```
[oracle@standby 35943157]$ opatch prereq checkSystemSpace -ph ./
Oracle Interim Patch Installer version 12.2.0.1.17
Copyright (c) 2024, Oracle Corporation. All rights reserved.

PREREQ session

Oracle Home      : /u01/app/oracle/product/19.0.0/dbhome_1
Central Inventory : /u01/app/oraInventory
   from           : /u01/app/oracle/product/19.0.0/dbhome_1/oraInst.loc
OPatch version   : 12.2.0.1.17
OUI version      : 12.2.0.7.0
Log file location : /u01/app/oracle/product/19.0.0/dbhome_1/cfgtoollogs/opatch/opatch2024-10-14_12-10-50PM_1.log

Invoking prereq "checksystemspace"

Prereq "checkSystemSpace" passed.

OPatch succeeded.
[oracle@standby 35943157]$
```

opatch prereq checkComponents -ph ./

```
[oracle@standby 35943157]$ opatch prereq checkComponents -ph ./
Oracle Interim Patch Installer version 12.2.0.1.17
Copyright (c) 2024, Oracle Corporation. All rights reserved.

PREREQ session

Oracle Home      : /u01/app/oracle/product/19.0.0/dbhome_1
Central Inventory : /u01/app/oraInventory
   from           : /u01/app/oracle/product/19.0.0/dbhome_1/oraInst.loc
OPatch version   : 12.2.0.1.17
OUI version      : 12.2.0.7.0
Log file location : /u01/app/oracle/product/19.0.0/dbhome_1/cfgtoollogs/opatch/opatch2024-10-14_12-11-18PM_1.log

Invoking prereq "checkcomponents"

Prereq "checkComponents" for patch 35943157 passed.

OPatch succeeded.
[oracle@standby 35943157]$
```

opatch prereq checkApplicable -ph ./

```
[oracle@standby 35943157]$ opatch prereq checkApplicable -ph ./
Oracle Interim Patch Installer version 12.2.0.1.17
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PREREQ session

Oracle Home      : /u01/app/oracle/product/19.0.0/dbhome_1
Central Inventory : /u01/app/oraInventory
   from           : /u01/app/oracle/product/19.0.0/dbhome_1/oraInst.loc
OPatch version   : 12.2.0.1.17
OUI version      : 12.2.0.7.0
Log file location : /u01/app/oracle/product/19.0.0/dbhome_1/cfgtoollogs/opatch/opatch2024-10-14_12-11-44PM_1.log

Invoking prereq "checkapplicable"

Prereq "checkApplicable" for patch 35943157 passed.

OPatch succeeded.
[oracle@standby 35943157]$
```

Run the below command to verify after shutdown database and stopping listener:

opatch prereq checkActiveFilesAndExecutables -ph ./

```
oracle@standby:/data/Patches/35943157
[oracle@standby 35943157]$ opatch prereq checkActiveFilesAndExecutables -ph ./
Oracle Interim Patch Installer version 12.2.0.1.17
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PREREQ session

Oracle Home      : /u01/app/oracle/product/19.0.0/dbhome_1
Central Inventory : /u01/app/oraInventory
   from           : /u01/app/oracle/product/19.0.0/dbhome_1/oraInst.loc
OPatch version    : 12.2.0.1.17
OUI version       : 12.2.0.7.0
Log file location : /u01/app/oracle/product/19.0.0/dbhome_1/cfgtoollogs/patch/patch2024-10-14_12-15-10PM_1.log

Invoking prereq "checkactivefilesandexecutables"

Prereq "checkActiveFilesAndExecutables" for patch 35943157 passed.

OPatch succeeded.
[oracle@standby 35943157]$
```

Step:-4 Check Patches status before apply using below query:

```
oracle@standby:~/scripts

SQL> col comp_id for a10
col version for a11
col status for a10
col comp_name for a37SQL> SQL> SQL>
SQL> select comp_id,comp_name,version,status from dba_registry;
```

COMP_ID	COMP_NAME	VERSION	STATUS
CATALOG	Oracle Database Catalog Views	19.0.0.0.0	VALID
CATPROC	Oracle Database Packages and Types	19.0.0.0.0	VALID
RAC	Oracle Real Application Clusters	19.0.0.0.0	OPTION OFF
JAVAVM	JServer JAVA Virtual Machine	19.0.0.0.0	VALID
XML	Oracle XDK	19.0.0.0.0	VALID
CATJAVA	Oracle Database Java Packages	19.0.0.0.0	VALID
APS	OLAP Analytic Workspace	19.0.0.0.0	VALID
XDB	Oracle XML Database	19.0.0.0.0	VALID
OWM	Oracle Workspace Manager	19.0.0.0.0	VALID
CONTEXT	Oracle Text	19.0.0.0.0	VALID
ORDIM	Oracle Multimedia	19.0.0.0.0	VALID
SDO	Spatial	19.0.0.0.0	VALID
XOQ	Oracle OLAP API	19.0.0.0.0	VALID
OLS	Oracle Label Security	19.0.0.0.0	VALID
DV	Oracle Database Vault	19.0.0.0.0	VALID

```
15 rows selected.

SQL>
```

Identifying Invalid Objects before patching

```
COLUMN object_name FORMAT A30
SELECT owner,
object_type,
object_name,
status
FROM dba_objects
WHERE status = 'INVALID'
ORDER BY owner, object_type, object_name;
```

Step 5:- Shutdown Database and Listener:

oracle@standby:/data/Patches/35943157

```
[oracle@standby 35943157]$
[oracle@standby 35943157]$
[oracle@standby 35943157]$ !sq
sqlplus / as sysdba

SQL*Plus: Release 19.0.0.0.0 - Production on Mon Oct 14 12:14:01 2024
Version 19.3.0.0.0

Copyright (c) 1982, 2019, Oracle. All rights reserved.

Connected to:
Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production
Version 19.3.0.0.0

SQL> recover managed standby database cancel;
Media recovery complete.
SQL> shut immediate;
Database closed.
Database dismounted.
ORACLE instance shut down.
SQL> exit
Disconnected from Oracle Database 19c Enterprise Edition Release 19.0.0.0.0 - Production
Version 19.3.0.0.0
[oracle@standby 35943157]$ lsnrctl stop

LSNRCTL for Linux: Version 19.0.0.0.0 - Production on 14-OCT-2024 12:14:52

Copyright (c) 1991, 2019, Oracle. All rights reserved.

Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP) (HOST=192.168.0.60) (PORT=1521)))
The command completed successfully
[oracle@standby 35943157]$
```

Step:-6 Take Backup of ORACLE_HOME and Database (Rollback plan):

```
cd $ORACLE_HOME
```

```
tar -cvf oracle_home_14OCT_2024.tar $ORACLE_HOME
```

Connect with rman take full backup

Step:-7 Apply RU patch on ORACLE_HOME 19c:

```
oracle@standby:/data/Patches/35943157
[oracle@standby OPatch]$ cd
[oracle@standby ~]$
[oracle@standby ~]$
[oracle@standby ~]$ cd $ORACLE_HOME
[oracle@standby dbhome_1]$
[oracle@standby dbhome_1]$ cd OPatch
OPatch/      OPatch_bkp/
[oracle@standby dbhome_1]$ cd OPatch
[oracle@standby OPatch]$
[oracle@standby OPatch]$
[oracle@standby OPatch]$ ./opatch version
OPatch Version: 12.2.0.1.43

OPatch succeeded.
[oracle@standby OPatch]$ cd
[oracle@standby ~]$
[oracle@standby ~]$ cd /data/Patches/
[oracle@standby Patches]$ ll
total 1805880
drwxr-xr-x. 5 oracle oinstall      81 Jan 13  2024 35943157
-rwxrwxr-x. 1 oracle oinstall 1817908992 Oct 14 11:18 p35943157_190000_Linux-x86-64.zip
-rwxrwxr-x. 1 oracle oinstall  29439665 Oct 14 11:37 p6880880_230000_LINUX.zip
-rw-rw-r--. 1 oracle oinstall  1866175 Jan 16  2024 PatchSearch.xml
[oracle@standby Patches]$ cd 35943157/
[oracle@standby 35943157]$ ll
total 96
drwxr-x---. 3 oracle oinstall    21 Jan 13  2024 custom
drwxr-x---. 3 oracle oinstall    20 Jan 13  2024 etc
drwxr-x---. 45 oracle oinstall 4096 Jan 13  2024 files
-rw-r--r--. 1 oracle oinstall 87418 Jan 16  2024 README.html
-rw-r--r--. 1 oracle oinstall    21 Jan 13  2024 README.txt
[oracle@standby 35943157]$
[oracle@standby 35943157]$ opatch apply -local
```

```
[oracle@standby ~]$ cd /data/Patches/35943157/
```

```
[oracle@standby 35943157]$ ll
```

```
total 96
```

```
drwxr-x---. 3 oracle oinstall    21 Jan 13  2024 custom
```

```
drwxr-x---. 3 oracle oinstall    20 Jan 13  2024 etc
```

```
drwxr-x---. 45 oracle oinstall 4096 Jan 13  2024 files
```



```
-rw-r--r--. 1 oracle oinstall 87418 Jan 16 2024 README.html
-rw-r--r--. 1 oracle oinstall 21 Jan 13 2024 README.txt
[oracle@standby 35943157]$
[oracle@standby 35943157]$ opatch apply -local
Oracle Interim Patch Installer version 12.2.0.1.43
Copyright (c) 2024, Oracle Corporation. All rights reserved.
Oracle Home      : /u01/app/oracle/product/19.0.0/dbhome_1
Central Inventory : /u01/app/oraInventory from      : /u01/app/oracle/product/19.0.0/dbhome_1/oraInst.loc
OPatch version   : 12.2.0.1.43
OUI version      : 12.2.0.7.0
Log file location : /u01/app/oracle/product/19.0.0/dbhome_1/cfgtoollogs/patch/patch2024-10-14_12-27-41PM_1.log
Verifying environment and performing prerequisite checks...
-----
Start OOP by Prereq process.
Launch OOP...
Oracle Interim Patch Installer version 12.2.0.1.43
Copyright (c) 2024, Oracle Corporation. All rights reserved.
Oracle Home      : /u01/app/oracle/product/19.0.0/dbhome_1
Central Inventory : /u01/app/oraInventory
      from      : /u01/app/oracle/product/19.0.0/dbhome_1/oraInst.loc
OPatch version   : 12.2.0.1.43
OUI version      : 12.2.0.7.0
Log file location : /u01/app/oracle/product/19.0.0/dbhome_1/cfgtoollogs/patch/patch2024-10-14_12-28-45PM_1.log
Verifying environment and performing prerequisite checks...
OPatch continues with these patches: 35943157
Do you want to proceed? [y|n]
y
User Responded with: Y
All checks passed.
Please shutdown Oracle instances running out of this ORACLE_HOME on the local system.
```

(Oracle Home = '/u01/app/oracle/product/19.0.0/dbhome_1')

Is the local system ready for patching? [y|n]

y

User Responded with: Y

Backing up files...

Applying interim patch '35943157' to OH '/u01/app/oracle/product/19.0.0/dbhome_1'

ApplySession: Optional component(s) [oracle.network.gsm, 19.0.0.0.0], [oracle.crypto.rsf, 19.0.0.0.0], [oracle.pg4mq, 19.0.0.0.0], [oracle.precomp.companion, 19.0.0.0.0], [oracle.rdbms.ic, 19.0.0.0.0], [oracle.rdbms.tg4db2, 19.0.0.0.0], [oracle.tfa, 19.0.0.0.0], [oracle.rdbms.tg4tera, 19.0.0.0.0], [oracle.network.cman, 19.0.0.0.0], [oracle.options.olap, 19.0.0.0.0], [oracle.oid.client, 19.0.0.0.0], [oracle.xdk.companion, 19.0.0.0.0], [oracle.options.olap.api, 19.0.0.0.0], [oracle.rdbms.tg4ifmx, 19.0.0.0.0], [oracle.rdbms.tg4sybs, 19.0.0.0.0], [oracle.rdbms.tg4msql, 19.0.0.0.0], [oracle.ons.eons.bwcompat, 19.0.0.0.0], [oracle.ons.cclient, 19.0.0.0.0], [oracle.sdo.companion, 19.0.0.0.0], [oracle.net.cman, 19.0.0.0.0], [oracle.pg4appc, 19.0.0.0.0], [oracle.jdk, 1.8.0.191.0] not present in the Oracle Home or a higher version is found.

Patching component oracle.rdbms, 19.0.0.0.0...

Patching component oracle.rdbms.util, 19.0.0.0.0...

Patching component oracle.rdbms.rsf, 19.0.0.0.0...

Patching component oracle.assistants.acf, 19.0.0.0.0...

Patching component oracle.assistants.deconfig, 19.0.0.0.0...

Patching component oracle.assistants.server, 19.0.0.0.0...

Patching component oracle.blaslapack, 19.0.0.0.0...

Patching component oracle.buildtools.rsf, 19.0.0.0.0...

Patching component oracle.ctx, 19.0.0.0.0...

Patching component oracle.dbdev, 19.0.0.0.0...

Patching component oracle.dbjava.ic, 19.0.0.0.0...

Patching component oracle.dbjava.jdbc, 19.0.0.0.0...

Patching component oracle.dbjava.ucp, 19.0.0.0.0...

Patching component oracle.duma, 19.0.0.0.0...

Patching component oracle.javavm.client, 19.0.0.0.0...

Patching component oracle.ldap.owm, 19.0.0.0.0...

Patching component oracle.ldap.rsf, 19.0.0.0.0...

Patching component oracle.ldap.security.osdt, 19.0.0.0.0...

Patching component oracle.marvel, 19.0.0.0.0...

Patching component oracle.network.rsfc, 19.0.0.0.0...

Patching component oracle.odbc.ic, 19.0.0.0.0...

Patching component oracle.ons, 19.0.0.0.0...

Patching component oracle.ons.ic, 19.0.0.0.0...

Patching component oracle.oracore.rsfc, 19.0.0.0.0...

Patching component oracle.perlint, 5.28.1.0.0...

Patching component oracle.precomp.common.core, 19.0.0.0.0...

Patching component oracle.precomp.rsfc, 19.0.0.0.0...

Patching component oracle.rdbms.crs, 19.0.0.0.0...

Patching component oracle.rdbms.dbscripts, 19.0.0.0.0...

Patching component oracle.rdbms.deconfig, 19.0.0.0.0...

Patching component oracle.rdbms.oci, 19.0.0.0.0...

Patching component oracle.rdbms.rsfc.ic, 19.0.0.0.0...

Patching component oracle.rdbms.scheduler, 19.0.0.0.0...

Patching component oracle.rhp.db, 19.0.0.0.0...

Patching component oracle.sdo, 19.0.0.0.0...

Patching component oracle.sdo.locator.jrf, 19.0.0.0.0...

Patching component oracle.sqlplus, 19.0.0.0.0...

Patching component oracle.sqlplus.ic, 19.0.0.0.0...

Patching component oracle.wwg.plsql, 19.0.0.0.0...

Patching component oracle.xdk.rsfc, 19.0.0.0.0...

Patching component oracle.install.deinstalltool, 19.0.0.0.0...

Patching component oracle.sdo.locator, 19.0.0.0.0...

Patching component oracle.rdbms.install.plugins, 19.0.0.0.0...

Patching component oracle.dbtoolslistener, 19.0.0.0.0...

Patching component oracle.xdk, 19.0.0.0.0...

Patching component oracle.rdbms.drdaas, 19.0.0.0.0...

Patching component oracle.xdk.xquery, 19.0.0.0.0...

Patching component oracle.rdbms.rman, 19.0.0.0.0...

Patching component oracle.network.client, 19.0.0.0.0...

Patching component oracle.rdbms.hs_common, 19.0.0.0.0...

Patching component oracle.nlsrtl.rsfc.lbuilder, 19.0.0.0.0...

Patching component oracle.oraolap.dbscripts, 19.0.0.0.0...

Patching component oracle.mgw.common, 19.0.0.0.0...

Patching component oracle.rdbms.dv, 19.0.0.0.0...

Patching component oracle.ldap.ssl, 19.0.0.0.0...

Patching component oracle.xdk.parser.java, 19.0.0.0.0...

Patching component oracle.ctx.rsf, 19.0.0.0.0...

Patching component oracle.rdbms.lbac, 19.0.0.0.0...

Patching component oracle.rdbms.hsodbc, 19.0.0.0.0...

Patching component oracle.ctx.atg, 19.0.0.0.0...

Patching component oracle.oraolap, 19.0.0.0.0...

Patching component oracle.oraolap.api, 19.0.0.0.0...

Patching component oracle.odbc, 19.0.0.0.0...

Patching component oracle.ldap.client, 19.0.0.0.0...

Patching component oracle.nlsrtl.rsf, 19.0.0.0.0...

Patching component oracle.rdbms.install.common, 19.0.0.0.0...

Patching component oracle.ovm, 19.0.0.0.0...

Patching component oracle.network.listener, 19.0.0.0.0...

Patching component oracle.ldap.rsf.ic, 19.0.0.0.0...

Patching component oracle.javavm.server, 19.0.0.0.0...

Patching component oracle.precomp.lang, 19.0.0.0.0...

Patching component oracle.precomp.common, 19.0.0.0.0...

Patching component oracle.jdk, 1.8.0.201.0...

Patch 35943157 successfully applied.

Sub-set patch [29517242] has become inactive due to the application of a super-set patch [35943157].

Please refer to Doc ID 2161861.1 for any possible further required actions.

Log file location: /u01/app/oracle/product/19.0.0/dbhome_1/cfgtoollogs/opatch/opatch2024-10-14_12-28-45PM_1.log

OPatch succeeded.

[oracle@standby 35943157]\$

Step:-8 Startup the Database and Listener:

[oracle@standby 35943157]\$ lsnrctl start

LSNRCTL for Linux: Version 19.0.0.0.0 - Production on 14-OCT-2024 15:56:53

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Starting /u01/app/oracle/product/19.0.0/dbhome_1/bin/tnslsnr: please wait...

TNSLSNR for Linux: Version 19.0.0.0.0 - Production

System parameter file is /u01/app/oracle/product/19.0.0/dbhome_1/network/admin/listener.ora

Log messages written to /u01/app/oracle/diag/tnslsnr/standby/listener/alert/log.xml

Listening on: (DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=192.168.0.60)(PORT=1521)))

Listening on: (DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=EXTPROC1521)))

Connecting to (DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=192.168.0.60)(PORT=1521)))

STATUS of the LISTENER

Alias LISTENER

Version TNSLSNR for Linux: Version 19.0.0.0.0 - Production

Start Date 14-OCT-2024 15:56:53

Uptime 0 days 0 hr. 0 min. 0 sec

Trace Level off

Security ON: Local OS Authentication

SNMP OFF

Listener Parameter File /u01/app/oracle/product/19.0.0/dbhome_1/network/admin/listener.ora

Listener Log File /u01/app/oracle/diag/tnslsnr/standby/listener/alert/log.xml

Listening Endpoints Summary...

(DESCRIPTION=(ADDRESS=(PROTOCOL=tcp)(HOST=192.168.0.60)(PORT=1521)))

(DESCRIPTION=(ADDRESS=(PROTOCOL=ipc)(KEY=EXTPROC1521)))

Services Summary...

Service "stdby" has 1 instance(s).

Instance "stdby", status UNKNOWN, has 1 handler(s) for this service...

The command completed successfully

[oracle@standby 35943157]

SQL*Plus: Release 19.0.0.0.0 - Production on Mon Oct 14 15:57:15 2024

Version 19.22.0.0.0

Copyright (c) 1982, 2023, Oracle. All rights reserved.

Connected to an idle instance.

SQL> startup;

ORACLE instance started.

Total System Global Area 1325397816 bytes

Fixed Size 8939320 bytes

Variable Size 855638016 bytes

Database Buffers 436207616 bytes

Redo Buffers 24612864 bytes

Database mounted.

Database opened.

SQL>

Step:-9 Check opatch lsinventory and list of patches applied in ORACLE_HOME

oracle@standby:/u01/app/oracle/product/19.0.0/dbhome_1/OPatch

```
[oracle@standby OPatch]$  
[oracle@standby OPatch]$ ./opatch version  
OPatch Version: 12.2.0.1.43  
  
OPatch succeeded.  
[oracle@standby OPatch]$  
[oracle@standby OPatch]$ ./opatch lspatches  
35943157;Database Release Update : 19.22.0.0.240116 (35943157)  
29585399;OCW RELEASE UPDATE 19.3.0.0.0 (29585399)  
  
OPatch succeeded.  
[oracle@standby OPatch]$  
[oracle@standby OPatch]$ ./opatch lsinv|grep applied  
Patch 35943157 : applied on Mon Oct 14 12:37:28 IST 2024  
Patch 29585399 : applied on Thu Apr 18 12:51:33 IST 2019  
[oracle@standby OPatch]$  
[oracle@standby OPatch]$
```