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How to apply RUP6 ?

- You apply it *only* to an existing Release 12.0, 12.0.1, 12.0.2, 12.0.3, 12.0.4, or FIN and HRMS family RUP5 system

My release of Oracle Application is 12.0.0

```
SQL> select release_name from apps.fnd_product_groups;
```

```
RELEASE_NAME
```

```
-----  
12.0.0
```

Download the below patches

6767273 - INSTALLING R12.AD.A.DELTA.4 FAILS FOR OFF-CYCLE PRODUCTS (prereq for 7305220)

7305220- PATCH FOR R12.AD.A.DELTA.6

6728000- Patchset ORACLE E-BUSINESS SUITE 12.0.6 RELEASE UPDATE PACK (RUP6)

[7109200](#) - CONSOLIDATED ONLINE HELP FOR 12.0.6

```
[applmgr@erp R12_R1206]$ pwd  
/d02/oracle/R12_R1206  
[applmgr@erp R12_R1206]$ ls -ltr  
total 2063836  
-rw-r--r-- 1 applmgr dba 21038 Sep 1 02:02 p6767273_R12.AD.A_R12_LINUX.zip  
-rw-r--r-- 1 applmgr dba 1465756 Sep 1 02:02 p7305220_R12.AD.A_R12_LINUX.zip  
-rw-r--r-- 1 applmgr dba 450868498 Sep 1 02:23 p6728000_R12_LINUX_4of4.zip  
-rw-r--r-- 1 applmgr dba 522236477 Sep 1 02:24 p6728000_R12_LINUX_1of4.zip  
-rw-r--r-- 1 applmgr dba 527990048 Sep 1 02:25 p6728000_R12_LINUX_3of4.zip  
-rw-r--r-- 1 applmgr dba 573221574 Sep 1 02:25 p6728000_R12_LINUX_2of4.zip  
-rw-r--r-- 1 applmgr dba 35428013 Sep 2 18:33 p7109200_R12_GENERIC.zip
```

Unzip the patches

```
unzip <patch number>
```

Check whether any of the patches are applied

```
patch.sql
```

```
select * from ad_bugs where bug_id=&&1 or bug_number='&&1'  
/
```

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```
select orig_bug_number, CREATION_DATE from applsys.ad_patch_run_bugs
where orig_bug_number like '%&&1%'
/
select orig_patch_name, driver_file_name from applsys.ad_patch_drivers
where orig_patch_name like '%&&1%'
/
```

sqlplus apps/apps @patch.sql

Enter value for 1: 6767273

no rows selected

Similarly check for other patches

Apply the patch using non-interactive mode – Prepare the scripts

```
-- stop the services

cd $ADMIN_SCRIPTS_HOME
sh adstpall.sh apps/apps

-- Enable maintenance mode
adadmin defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt
logfile=adadmin.log menu_option=ENABLE_MAINT_MODE workers=4

-- 6767273
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt
logfile=6767273.log patchtop=/d02/oracle/R12_R12066767273
driver=u6767273.drv workers=8

-- 7305220
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt
logfile=7305220.log patchtop=/d02/oracle/R12_R1206/7305220
driver=u7305220.drv workers=8

-- 6728000
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt
logfile=6728000.log patchtop=/d02/oracle/R12_R1206/6728000
driver=u6728000.drv workers=8

-- 7109200
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt
logfile=7109200.log patchtop=/d02/oracle/R12_R1206/7109200
driver=u7109200.drv workers=8

-- disable maintenance mode
adadmin defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt
logfile=adadmin.log menu_option=DISABLE_MAINT_MODE workers=4

-- start the application
```

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```
cd $ADMIN_SCRIPTS_HOME
sh adstrtal.sh apps/apps
```

Apply the patches one by one -

```
-- 6767273
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt
logfile=6767273.log patchtop=/d02/oracle/R12_R12066767273
driver=u6767273.drv workers=8

-- 7305220
-- Preinstall steps
  1. Create $ORACLE_HOME/appsutil/admin on the database server.

  2. Copy adgrants.sql (UNIX) from this patch directory to
    $ORACLE_HOME/appsutil/admin.
    Or, copy adgrants_nt.sql (Windows) from this patch directory to
    %ORACLE_HOME%\appsutil\admin.

[oracle@erp admin]$ mkdir -p $ORACLE_HOME/appsutil/admin
[oracle@erp admin]$ cp /d02/oracle/R12_R1206/7305220/admin/adgrants.sql
.

  3. Set the environment to point to ORACLE_HOME on the database
server.

  4. Use SQL*Plus to run the script:

    UNIX:
    $ sqlplus /nolog
    SQL> connect / as sysdba
    SQL> @$ORACLE_HOME/appsutil/admin/adgrants.sql <APPLSYS schema
name>

    sqlplus "/as sysdba" @adgrants apps
```

Run admsi.pl

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Oracle Patch Application Assistant

Welcome to Oracle Patch Application Assistant. The application will help you track installation instructions required for successful patching. Select one of the options below and enter the details for your Oracle Applications environment and a patch. Click Next to continue.

- View instance specific instructions for a new patch.
- View generic instructions as shipped by Oracle for a new patch.
- Look at all incomplete tasks from previous patches.

Database Name:

APPS password:

Patch Location:

< Back **Next >** Save Cancel

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```
-- 7305220
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt
logfile=7305220.log patchtop=/d02/oracle/R12_R1206/7305220
driver=u7305220.drv workers=8
```

```
-- 6728000
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt
logfile=6728000.log patchtop=/d02/oracle/R12_R1206/6728000
driver=u6728000.drv workers=8
```

- The above patch takes 6 to 10 hours which will also upgrade the Oracle applications from R12.0.0 to R12.0.6

```
1* select release_name from fnd_product_groups
SQL> /
```

```
RELEASE_NAME
```

```
-----
12.0.6
```

```
-
```

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```
-- 7109200
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt
logfile=7109200.log patchtop=/d02/oracle/R12_R1206/7109200
driver=u7109200.drv workers=8

-- disable maintenance mode
adadmin defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt
logfile=adadmin.log menu_option=DISABLE_MAINT_MODE workers=4
```

Post-Update Steps

1. Update database tier nodes with the RUP6 code level.

After you have updated to Release 12.0.6, perform the following post-update steps to update all database tier nodes with the code level provided by RUP6:

Application tier:

- As the APPLMGR user, run the environment (UNIX) for the current APPL_TOP.
- Run AutoConfig on the APPL_TOP.

```
[applmgr@erp ~]$ cd $ADMIN_SCRIPTS_HOME
```

```
[applmgr@erp scripts]$ sh adautocfg.sh
```

- Run the admkappsutil.pl utility to create the file appsutil.zip in the <INST_TOP>/admin/out directory.

```
perl $AD_TOP/bin/admkappsutil.pl
```

Starting the generation of appsutil.zip

Log file located at /d01/oracle/TEST1/inst/apps/TEST1_erp/admin/log/MakeAppsUtil_09032350.log

output located at /d01/oracle/TEST1/inst/apps/TEST1_erp/admin/out/appsutil.zip

MakeAppsUtil completed successfully.

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Database tier:

- As the ORACLE user, run the environment (UNIX) for the current ORACLE_HOME.
- Copy or FTP the appsutil.zip file to the <RDBMS ORACLE_HOME>.
- Uncompress appsutil.zip under the <RDBMS ORACLE_HOME>.

```
cd <ORACLE_HOME> unzip -o appsutil.zip
```

```
[oracle@erp ~]$ cd $ORACLE_HOME
```

```
[oracle@erp 10.2.0]$ mv appsutil appsutil_old
```

```
[oracle@erp 10.2.0]$ cp /d01/oracle/TEST1/inst/apps/TEST1_erp/admin/out/appsutil.zip
```

```
[oracle@erp 10.2.0]$ unzip appsutil
```

Note: It has asked to overwrite existing files and I accepted it.

- run AutoConfig on the <RDBMS ORACLE_HOME>.
- cd \$ORACLE_HOME/appsutil
- sh adautocfg.sh

After running check the database context file, it will have entry of 12.0.6

```
<config_option type="adx" oa_var="s_apps_version">12.0.6</config_option>
```

Database tier and application tier:

Re-run adpreclone.pl on the database tier and the applications tier. Since updates included in RUP6 were applied to the system, adpreclone must be run again in order to apply the updates to the clone directory structures used during cloning.

```
perl adpreclone.pl dbTier  
perl adpreclone.pl appsTier
```

2. Perform Product-specific Steps (conditional)

Reference : **743368.1 - Oracle E-Business Suite Release Update Pack Readme, Release 12.0.6**