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Upgrade Oracle Applications from R12.1.1 to R12.1.3

For instructions on applying Oracle E-Business Suite 12.1.3 Release Update Pack (12.1.3), features and other information, please refer to My Oracle Support Knowledge Document - 1080973.1

To apply Oracle E-Business Suite Release 12.1.3, follow these steps:

Use AutoPatch to apply R12.AD.B.DELTA.3 Patch 9239089, before you complete any of the other steps in this section. Do not merge this patch with any other patch. R12.AD.B.Delta.3 must be applied separately. Refer to Oracle E-Business Suite Applications DBA Readme, Release 12.1.3 Document 1077769.1 for more information about R12.AD.B.Delta.3.

Use AutoPatch to apply Oracle E-Business Suite Release 12.1.3 Patch 9239090 and follow the instructions in the patch readme file.

Use AutoPatch to apply the latest consolidated online help Patch 9239095 and follow the instructions in the patch readme file.

Post-Update Steps

Apply post-install Oracle E-Business Suite Applications Technology patches. (Required)

Apply mandatory Patch 9817770 (9817770:R12.ATG_Pf.B [POST-R12.ATG_Pf.B.DELTA.3 CONSOLIDATED PATCH].)

Apply mandatory Patch 9966055 (9966055:R12.FND.B [TRANSLATED VERSION OF FNDSCSGN NOT LAUNCHED].)

Update database tier nodes with the Oracle E-Business Suite Release 12.1.3 code level.

After you have upgraded to Oracle E-Business Suite Release 12.1.3, perform the following post-update steps to update all database tier nodes with the code level, provided by Oracle E-Business Suite Release 12.1.3:

Application tier:

As the APPLMGR user, run the environment (UNIX) or the command (WINDOWS) file for the current APPL_TOP.

UNIX

```
./<APPL_TOP>/APPS<CONTEXT_NAME>.env
```

UNIX

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```
cd <RDBMS ORACLE_HOME>
./<RDBMS ORACLE_HOME>/<CONTEXT_NAME>.env
Windows
```

```
<RDBMS ORACLE_HOME>\<CONTEXT_NAME>.cmd
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
Run AutoConfig on the <RDBMS ORACLE_HOME>.
```

Note: For details on how to run AutoConfig on the database tier and how to transfer the AutoConfig updates from the APPL_TOP to the RDBMS ORACLE_HOME, refer to Using AutoConfig to Manage System Configurations in Oracle Applications Release 12 Document 387859.1, Section 2, Step 3, Patching AutoConfig.

Database tier and application tier:

Re-run adpreclone.pl on the database tier and the application tier. Since updates included in Oracle E-Business Suite Release 12.1.3 were applied to the system, adpreclone must be run again to apply the updates to the clone directory structures that were used during cloning.

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

Note: For details on how to run adpreclone

Download all the patches

```
p9239090_R12_LINUX_4of6.zip
p9239090_R12_LINUX_5of6.zip
p9239090_R12_LINUX_6of6.zip
p9239095_R12_GENERIC.zip
p9817770_R12.ATG_PF.B_R12_LINUX.zip
p9239089_R12.AD.B_R12_LINUX.zip
p9239090_R12_LINUX_1of6.zip
p9239090_R12_LINUX_2of6.zip
p9966055_R12.FND.B_R12_GENERIC.zip
p9239090_R12_LINUX_3of6.zip
```

```
unzip the patches
9239089
9239090
9817770
9966055
9239095
```

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-- Enable maintenance mode

```
adadmin defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt logfile=adadmin.log  
menu_option=ENABLE_MAINT_MODE workers=4
```

Apply Patch 9239089

-- pre install steps

1. Create \$ORACLE_HOME/appsutil/admin on the database server.

```
mkdir -p $ORACLE_HOME/appsutil/admin
```

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.

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> @$ORACLE_HOME/appsutil/admin/adgrants.sql APPS
```

```
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt logfile=u9239089.log  
patchtop=/home/test/patches/9239089 driver=u9239089.drv workers=8
```

Apply patch 9239090

-- prereq patch - R12.AD.B.delta.3 (9239089)- already applied

```
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt logfile=u9239090.log  
patchtop=/home/test/patches/9239090 driver=u9239090.drv workers=8
```

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```
Completed: file pacitmg003.sql on worker 7 for product pa username PA.
Completed: file pacitmg003.sql on worker 5 for product pa username PA.
Completed: file paupgr90.sql on worker 8 for product pa username PA.
  FAILED: file EGOSILDU.sql on worker 3 for product ego username EGO.
  Deferred: file EGOSILDU.sql on worker 3 for product ego username EGO.
    (Deferment number 1 for this job)
Assigned: file inviicl.sql on worker 3 for product inv username INV.
Completed: file inviicl.sql on worker 3 for product inv username INV.
Assigned: file EGOSILDU.sql on worker 3 for product ego username EGO.
  FAILED: file EGOSILDU.sql on worker 3 for product ego username EGO.
  Deferred: file EGOSILDU.sql on worker 3 for product ego username EGO.
    (Deferment number 2 for this job)
Assigned: file EGOSILDU.sql on worker 3 for product ego username EGO.
  FAILED: file EGOSILDU.sql on worker 3 for product ego username EGO.
Completed: file EGOEXTCONC.sql on worker 2 for product ego username EGO.
Completed: file arhdqupg.sql on worker 1 for product ar username AR.

ATTENTION: All workers either have failed or are waiting:

  FAILED: file EGOSILDU.sql on worker 3.

ATTENTION: Please fix the above failed worker(s) so the manager can continue.
```

```
sqlplus -s APPS/***** @/u01/TEST/apps/apps_st/appl/ego/12.0.0/patch/115/sql/EGOSILDU.sql
&un_ego
Connected.
DECLARE
*
ERROR at line 1:
ORA-02149: Specified partition does not exist
ORA-06512: at line 408
```

Patch 7303030 Fails on Egosildu.sql : ORA-02149 Specified Partition Does Not Exist (Doc ID 847687.1)

Solution

1) If you have not installed EGO product or if you are not using "Advanced Product Catalog" functionality, you can skip the failed job.

Notes:

- Use the following note in order to check if EGO product is not installed (Status Inactive)
[Note 550654.1](#) "How to Get The Patchset Level of Oracle Applications Products in R12"
- To know if "APC" is installed, you need to get the APC Diagnostic for R12.1.1
- To skip a failed job, please raise a SR to get the content of the unpublished Note 399645.1 "How To Skip a adworker Job Using adctrl"

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2) If you are using this product, Please raise a SR in order to get the detailed procedure to fix the issue listed in bug 8485942

adctrl – I have skipped the worker

```
AD Controller Menu
-----

1. Show worker status
2. Tell worker to restart a failed job
3. Tell worker to quit
4. Tell manager that a worker failed its job
5. Tell manager that a worker acknowledges quit
6. Restart a worker on the current machine
7. Exit

Enter your choice [1] : 1

Worker   Control   Context           Filename           Status
-----
1 Run     AutoPatch R120
2 Run     AutoPatch R120
3 Run     AutoPatch R120    EGOSILDU.sql      FAILED
4 Run     AutoPatch R120
5 Run     AutoPatch R120
6 Run     AutoPatch R120
7 Run     AutoPatch R120
8 Run     AutoPatch R120
```

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AD Controller Menu

- ```

```
1. Show worker status
  2. Tell worker to restart a failed job
  3. Tell worker to quit
  4. Tell manager that a worker failed its job
  5. Tell manager that a worker acknowledges quit
  6. Restart a worker on the current machine
  7. Exit

Enter your choice [1] : 8

Enter the worker number(s)/range(s) or 'all' for all workers,  
or press [Return] to go back to the menu : 3

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```
AD Controller Menu

1. Show worker status
2. Tell worker to restart a failed job
3. Tell worker to quit
4. Tell manager that a worker failed its job
5. Tell manager that a worker acknowledges quit
6. Restart a worker on the current machine
7. Exit

Enter your choice [1] : 1

Worker Control
Code Context Filename Status

1 Run AutoPatch R120 asgRunInst.class Assigned
2 Run AutoPatch R120
3 Run AutoPatch R120
4 Run AutoPatch R120
5 Run AutoPatch R120
6 Run AutoPatch R120
7 Run AutoPatch R120
8 Run AutoPatch R120
Wait
```

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- Apply patch [9239095 - Oracle E-Business Suite Online Help for 12.1.3 Release Update Pack](#)

```
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt logfile=u9239095.log
patchtop=/home/test/patches/9239095 driver=u9239095.drv workers=8
```

## Post-Update Steps

1. Apply post-install Oracle E-Business Suite Applications Technology patches. (Required)
  - Apply mandatory [Patch 9817770](#) (9817770:R12.ATG\_PF.B [POST-R12.ATG\_PF.B.DELTA.3 CONSOLIDATED PATCH].)

```
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt logfile=u9817770.log
patchtop=/home/test/patches/9817770 driver=u9817770.drv workers=8
```

- Apply mandatory [Patch 9966055](#) (9966055:R12.FND.B [TRANSLATED VERSION OF FNDSCSGN NOT LAUNCHED].)

```
adpatch defaultsfile=$APPL_TOP/admin/$TWO_TASK/adalldefaults.txt logfile=u9966055 .log
patchtop=/home/test/patches/9966055 driver=u9966055 .drv workers=8
```

2. Update database tier nodes with the Oracle E-Business Suite Release 12.1.3 code level.

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### Application tier:

- As the APPLMGR user, run the environment (UNIX) or the command (WINDOWS) file for the current APPL\_TOP.

### UNIX

```
./.<APPL_TOP>/APPS<CONTEXT_NAME>.env
```

- Run AutoConfig on the APPL\_TOP.



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

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

### Database tier:

- As the ORACLE user, run the environment (UNIX) or the command (WINDOWS) file for the current ORACLE\_HOME.

### UNIX

```
cd <RDBMS ORACLE_HOME>
. ./<RDBMS ORACLE_HOME>/<CONTEXT_NAME>.env
```

- 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
```

- Run AutoConfig on the <RDBMS ORACLE\_HOME>.

```
perl $ORACLE_HOME/appsutil/bin/adbldxml.pl
```

```
cd $ORACLE_HOME/appsutil/bin/
sh adconfig.sh
```

**Note:** For details on how to run AutoConfig on the database tier and how to transfer the AutoConfig updates from the APPL\_TOP to the RDBMS ORACLE\_HOME, refer to *Using AutoConfig to Manage System Configurations in Oracle Applications Release 12* [Document 387859.1](#), Section 2, Step 3, Patching AutoConfig.

### Database tier and application tier:

- Re-run adpreclone.pl on the database tier and the application tier. Since updates included in Oracle E-Business Suite Release 12.1.3 were applied to the system, adpreclone must be run again to apply the updates to the clone directory structures that were used during cloning.

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

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

```
cd $ADMIN_SCRIPTS_HOME
```

```
sh adstrtal.sh apps/apps
```

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

```
RELEASE_NAME
```

```

12.1.3
```

**Oracle E-Business Suite Release 12.1.3 Readme (Doc ID 1080973.1)**