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Solutions to Oracle Apps Errors

➤ adopmnctl.sh: exiting with status 206

We may face this issue while starting up the oacore component in our R12 environment. There might not errors logged in any of the log files except the error status code of 206 returned by opmnctl.sh .

Error Details :

```
ias-component/process-type/process-set:  
OC4J/oacore/default_group/
```

Error

```
--> Process (index=1,uid=32979870,pid=13697)
```

```
failed to start a managed process after the maximum retry limit
```

```
Log:
```

```
/d01/oracle/PROD/INSTANCE_NAME/inst/apps/INSTANCE_NAME_SERVER_NAME/logs/ora/10.1.  
3/opmn/OC4J~oacore~default_group~1
```

```
ias-component/process-type/process-set:  
OC4J/oafm/default_group/
```

Error

```
--> Process (index=1,uid=32979871,pid=13716)
```

```
failed to start a managed process after the maximum retry limit
```

```
Log:
```

```
/d01/oracle/PROD/INSTANCE_NAME/inst/apps/instance_name_server_name/logs/ora/10.1.3/  
opmn/OC4J~oafm~default_group~1
```

```
03/31/11-07:12:49 :: adopmnctl.sh: exiting with status 206
```

Expected Solution:

- cd \$ORA_CONFIG_HOME/10.1.3/j2ee/oacore/persistence/
- rm -rf *
- cd \$ORA_CONFIG_HOME/10.1.3/j2ee/oafm/persistence/
- rm -rf *

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➤ **adstrtal.sh: Exiting with status 4**

We may face this issue while starting up the application services using adstrtal.sh.

Error Details:

adstrtal.sh: Exiting with status 4

adstrtal.sh: check the logfile
/d01/oracle/PROD/inst/apps/PROD_erp/logs/appl/admin/log/adstrtal.log for more information

Expected Solution :

We need to go to each of the following location, and move or delete files with extension .lock

```
$cd $INST_TOP/ora/10.1.3/j2ee/forms/persistence/forms_default_group_1/  
$cd $INST_TOP/ora/10.1.3/j2ee/oafm/persistence/oafm_default_group_1/  
$cd $INST_TOP/ora/10.1.3/j2ee/oacore/persistence/oacore_default_group_1/
```

➤ **adopmnctl.sh: exiting with status 2**

We may get this error ,we try to start the application or OPMN (adstrtal.sh apps/<apps_pwd> or adopmnctl.sh start).

Error Details:

adopmnctl.sh: exiting with status 2

Expected Solution :

Normally, this error occurs when opmn associate with wrong ip address.
So, we need to validate the ip address with correct one.

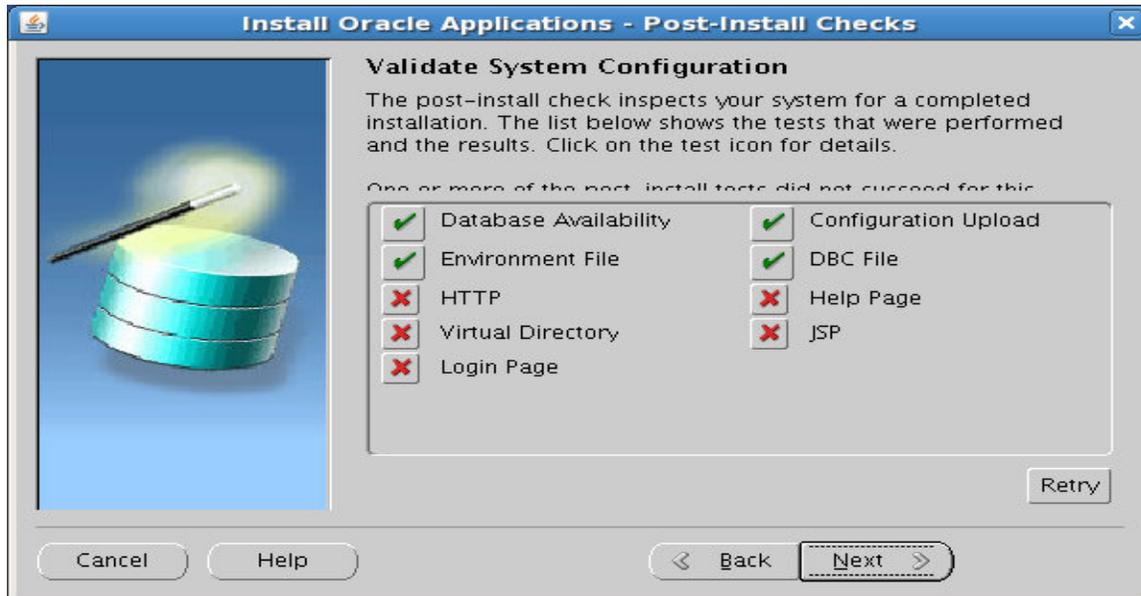
➤ **Oracle R12 Post Installation Error**

We may face this error after finishing the Oracle R12 installation and when post installation checks begin.

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Error Details:

From below screenshot,we are getting that some services are not available.



Expected Solution:

- Login in to apps tier as applmgr and set the environment.
[root@ebs ~]# su - applmgr
[applvis@ebs ~]\$./d01/oracle/PROD/apps/apps_st/appl/PROD_erp.env
- Check the status of opmn by issuing the following :
[applmgr@ebs ~]\$ \$ADMIN_SCRIPTS_HOME/adopmnctl.sh status

```

-----+-----+-----+-----+
ias-component | process-type | pid | status
-----+-----+-----+-----+
OC4JGroup:default_group | OC4J:oafm | 10677 | Alive
OC4JGroup:default_group | OC4J:forms | 12390 | Alive
OC4JGroup:default_group | OC4J:oacore | 10505 | Alive
HTTP_Server | HTTP_Server | N/A | Down
adopmnctl.sh: exiting with status 0
  
```

We found that the web server is the only component that's currently failing, and the other app server components of the system are started as expected.

- Start web server as shown below.
[applmgr@ebs ~]\$ \$ADMIN_SCRIPTS_HOME/adapcctl.sh start

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We will get the following error.

```
ias-component/process-type/process-set:
HTTP_Server/HTTP_Server/HTTP_Server/
Error--> Process (index=1,uid=1625958549,pid=26727)
failed to start a managed process after the maximum retry limit Log:
/d01/oacle/PROD/inst/apps/PROD_erp/logs/ora/10.1.3/opmn/HTTP_Server~1.log
adapcctl.sh: exiting with status 0
adapcctl.sh: check the logfile
/d01/oracle/PROD/inst/apps/PROD_erp/logs/appl/admin/log/adapcctl.txt for more
information ...
```

- Check the log file for more information, as shown below.

```
[applmgr@ebs ~]$ tail /d01/oacle/PROD/inst/apps/PROD_erp/logs/ora/10.1.3/opmn/HTTP_Server~1.log
```

We will find the below information:

```
error while loading shared libraries:
libdb.so.2: cannot open shared object file: No such file or directory
```

So, this missing shared object library file is the most likely the cause of the error, we got.

- We need to create one symlink later, as shown below.

Switch to root user and do the following.

```
[root@ebs ~]# ln -s /usr/lib/libgdbm.so.2.0.0 /usr/lib/libdb.so.2
```

- Now start the web server again.

```
[applmgr@ebs ~]$ $ADMIN_SCRIPTS_HOME/adapcctl.sh start
```

- Now check the status of opmn.

```
[applmgr@ebs ~]$ $ADMIN_SCRIPTS_HOME/adopmnctl.sh status
```

ias-component	process-type	pid	status
OC4JGroup:default_group	OC4J:oaafm	10677	Alive
OC4JGroup:default_group	OC4J:forms	12390	Alive
OC4JGroup:default_group	OC4J:oacore	10505	Alive
HTTP_Server	HTTP_Server	29299	Alive

After that post installation checks will look like below screenshot.

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Now we can access Oracle Apps without any problem.