

Author – A.Kishore/Sachin
<http://appsdba.info>

FNDCPASS

Oracle Applications provides a command line utility, FNDCPASS, to change/reset Oracle Applications schema passwords. This utility changes the password registered in Oracle Applications tables, changes the schema password in the database and can also change user passwords. For example, we can change the APPS password using FNDCPASS and also any other schema in the EBS database. FNDCPASS can also be used to change the password of an application user (like sysadmin).

FNDCPASS uses four modes to change application schema passwords.

- (i) SYSTEM ,It is used to change APPS/APPLSYS password
- (ii) USER , It is used to change oracle applications user like SYSADMIN
- (iii) ORACLE, It is used to change the password of oracle schema like GL,AP
- (iv) ALLORACLE , It is used to change all passwords of all schema.

Please Note: We cannot change a schema name, such as APPLSYS or GL, after a product installed, with FNDCPASS. Ensure that the entire Oracle Applications system has been shut down before changing any schema passwords. All users should log out and the Applications system should be down before running this utility. If Oracle Applications user passwords are being changed then the relevant users should not be logged in. Before changing any passwords, you should make a backup of the tables FND_USER and FND_ORACLE_USERID

(A) Use FNDCPASS to change APPS password

Step 1 : Login as applmgr user and set the environment variables

```
$ cd /d01/oracle/prodappl  
$. ./ APPSORA.env
```

Author – A.Kishore/Sachin
<http://appsdba.info>

```

applmgr@erp:/d01/oracle/prodappl
[applmgr@erp prodappl]$ ls
abm  aac  ca  cas  fpa  hst  ipa  mad  oca  pap  xdp
ad  aap  cag  ca  fpt  ia  iac  aac  pa  pv  xia
admin  aat  ca  ddd  fpa  ia  iac  aac  pay  aa  xia
ahl  aa  oca  oca  fpa  iac  inv  aac  per  qat  xab
alm  aa  oca  dt  fpa  iac  ipa  oca  pji  qd  xac
ak  aa  oca  oca  fpa  iac  ipa  oca  pja  qra  xai
alc  oca  oca  oca  oca  iac  iac  oca  pa  rj  xam
aaf  bio  oca  aa  ghr  iac  itg  oca  pa  rhr  xap
aaw  bil  oca  oca  gi  iac  ia  oca  pa  rra  xaa
aax  bio  oca  oca  oca  iac  ia  oca  pa  rib  xta
aay  bio  oca  oca  oca  iac  ja  oca  pa  rbc  xta
ap  bio  oca  oca  oca  iac  ji  oca  pa  rcc  xta
APPSORA.env  bio  oca  oca  oca  iac  ji  oca  pa  rcc  xta
APPSPROD_erp.env  bio  oca  oca  oca  iac  ji  oca  pa  rcc  xta
ar  bio  oca  fpa  oca  iac  ja  oca  pa  rcc  xta
ad  bio  oca  fpa  oca  iac  ja  oca  pa  rcc  xta
aaf  oca  oca  fpa  oca  iac  ja  oca  pa  rcc  xta
aay  oca  oca  fpa  oca  iac  ja  oca  pa  rcc  xta
ad  oca  oca  fpa  oca  iac  ja  oca  pa  rcc  xta
aaw  oca  oca  fpa  oca  iac  ja  oca  pa  rcc  xta
[applmgr@erp prodappl]$ . ./APPSORA.env
[applmgr@erp prodappl]$

```

Step 2 : Enter FNDCPASS, if you need any help as shown below:

```

applmgr@erp:/d01/oracle/prodappl
[applmgr@erp prodappl]$ echo $ORACLE_HOME
/d01/oracle/prodora/8.0.6
[applmgr@erp prodappl]$ FNDCPASS
You have not provided the required arguments for this program.
APP-FND-02703: Usage: FNDCPASS logon O Y system/password mode username new_password
ord
where logon is username/password[@connect]
system/password is password of the system account of that database
mode is SYSTEM/USER/ORACLE
username is the username where you want to change its password
new_password is the new password in unencrypted format
example FNDCPASS apps/apps O Y system/manager SYSTEM APPLSYS WELCOME
FNDCPASS apps/apps O Y system/manager ORACLE GL GL1
FNDCPASS apps/apps O Y system/manager USER VISION WELCOME
[applmgr@erp prodappl]$

```

- FNDCPASS < logon > o Y < system/password> SYSTEM < username > < new_password>
- logon - The Oracle username/password.
- system/password - The username and password for the SYSTEM DBA account.
- username - The APPLSYS username. For example, 'applsys'.
- new_password - The new password.

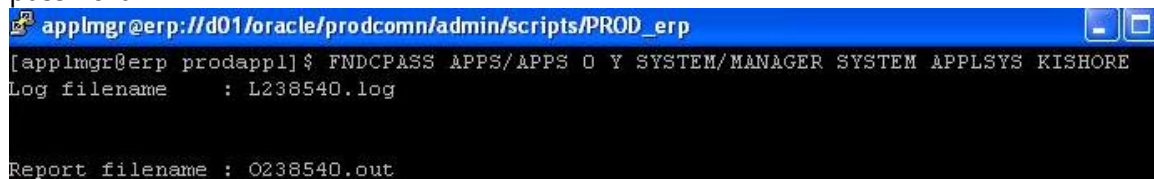
Author – A.Kishore/Sachin
<http://appsdba.info>

When specifying the SYSTEM token, FNDCPASS expects the next arguments to be the APPLSYS username and the new password.

Step 3 : Now we will change APPS password using FNDCPASS ,as shown below.

```
$ FNDCPASS apps/apps 0 Y system/manager SYSTEM APPLSYS KISHORE
```

FNDCPASS uses the following arguments when changing the APPLSYS password.



```
applmgr@erp://d01/oracle/prodcomn/admin/scripts/PROD_erp
[applmgr@erp prodappl]$ FNDCPASS APPS/APPS 0 Y SYSTEM/MANAGER SYSTEM APPLSYS KISHORE
Log filename      : L238540.log

Report filename  : O238540.out
```

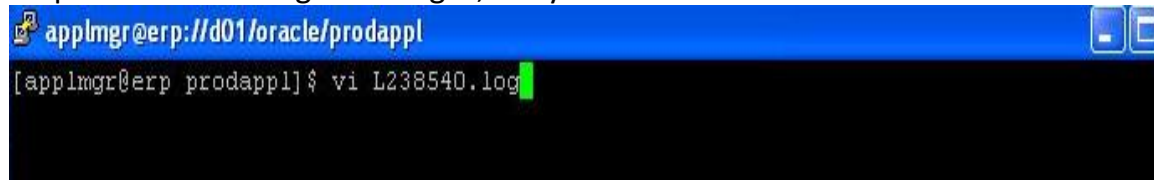
This command does the following:

- (a) Validates APPLSYS.
- (b) Re-registers password in Oracle Applications.
- (c) Changes the APPLSYS and all APPS passwords (for multi-APPS schema installations) to the same password. Because everything with a Privilege Level [set to any of ('E', 'U', 'D')] in the FND_ORACLE_USERID table must always have the same password, FNDCPASS updates these passwords as well as APPLSYS's password.

For example, the APPS password will be updated when the APPLSYS password is changed.

ALTER USER is executed to change the ORACLE password for the above ORACLE users.

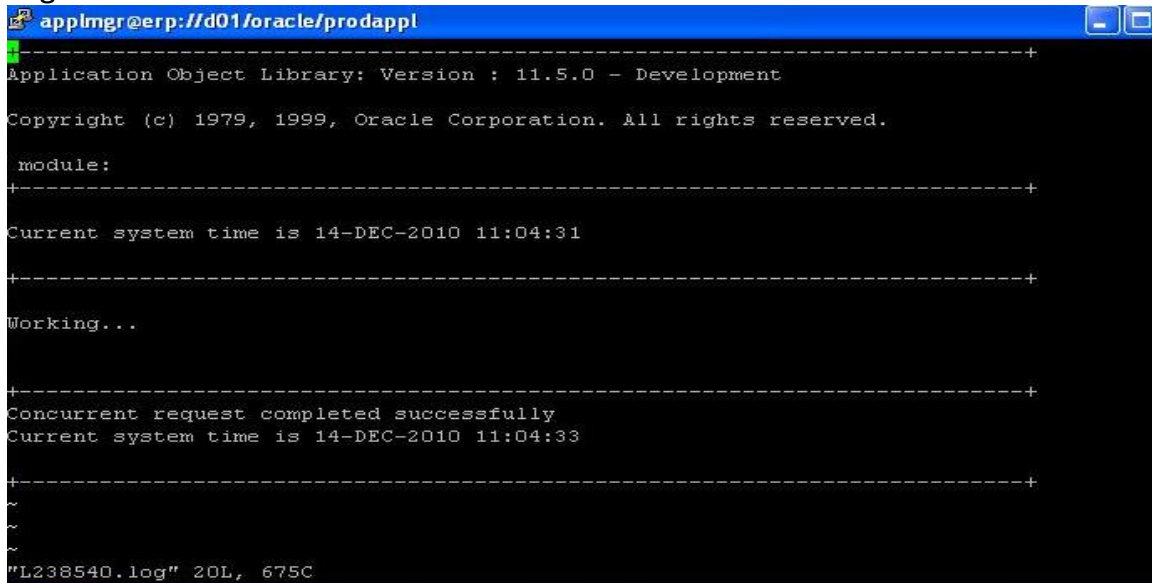
Step 4 : Check the log file using vi, if any errors are there :



```
applmgr@erp://d01/oracle/prodappl
[applmgr@erp prodappl]$ vi L238540.log
```

Author – *A.Kishore/Sachin*
<http://appsdba.info>

Log file looks like below screen

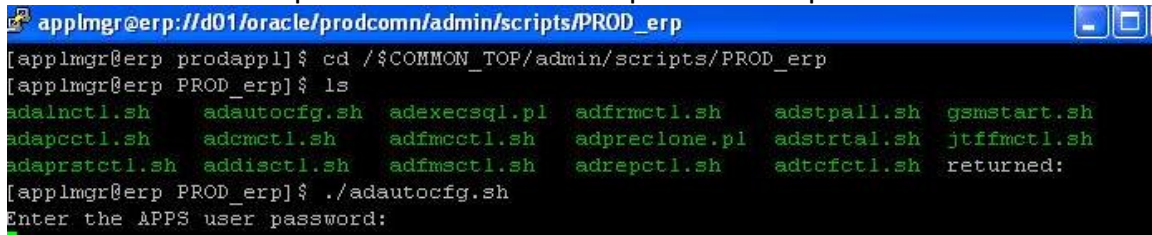


```
-----+
Application Object Library: Version : 11.5.0 - Development
Copyright (c) 1979, 1999, Oracle Corporation. All rights reserved.
module:
-----+
Current system time is 14-DEC-2010 11:04:31
-----+
Working...
-----+
Concurrent request completed successfully
Current system time is 14-DEC-2010 11:04:33
-----+
~
~
~
"L238540.log" 20L, 675C
```

Step 5 : Execute autoconfig.

```
$ cd /$COMMON_TOP/admin/scripts/PROD_erp
$ adautocfg.sh
```

Enter the APPS user password: Here we will put the new password that is **KISHORE**



```
applmgr@erp://d01/oracle/prodcomm/admin/scripts/PROD_erp
[applmgr@erp prodappl]$ cd /$COMMON_TOP/admin/scripts/PROD_erp
[applmgr@erp PROD_erp]$ ls
adalnctl.sh      adautocfg.sh    adexecsql.pl   adfrmctl.sh    adstpall.sh    gsmstart.sh
adapcctl.sh      adcmctl.sh     adfmcctl.sh    adpreclone.pl  adstrtal.sh    jtffmctl.sh
adaprstctl.sh   addisctl.sh    adfmsctl.sh    adrepctl.sh    adtcfcctl.sh   returned:
[applmgr@erp PROD_erp]$ ./adautocfg.sh
Enter the APPS user password:
```

Author – A.Kishore/Sachin
<http://appsdba.info>

```
applmgr@erp://d01/oracle/prodcomn/admin/scripts/PROD_erp
[applmgr@erp PROD_erp]$ ./adautocfg.sh
Enter the APPS user password:
AutoConfig is configuring the Applications environment...

AutoConfig will consider the custom templates if present.
    Using APPL_TOP location      : /d01/oracle/prodappl
    Classpath                    : /d01/oracle/prodcomn/util/java/1.4/j2sdk1.4.2_04/
jre/lib/rt.jar:/d01/oracle/prodcomn/util/java/1.4/j2sdk1.4.2_04/lib/dt.jar:/d01/oracle/
prodcomn/util/java/1.4/j2sdk1.4.2_04/lib/tools.jar:/d01/oracle/prodcomn/java/appsborg2.
zip:/d01/oracle/prodcomn/java

    Using Context file          : /d01/oracle/prodappl/admin/PROD_erp.xml

Context Value Management will now update the Context file

Context Value Management has found new variables that must be defined to update the con
text file and continue with system configuration

Variable : s_ohs_serveradmin
Details  : This parameter sets the e-mail address that the OHS
          includes in any error messages it returns to the client.
          It may be worth setting up a dedicated address for this purpose.
Enter the Oracle HTTP Server Administrator email address [applmgr@com]:
```

```
applmgr@erp://d01/oracle/prodcomn/admin/scripts/PROD_erp
jre/lib/rt.jar:/d01/oracle/prodcomn/util/java/1.4/j2sdk1.4.2_04/lib/dt.jar:/d01/oracle/
prodcomn/util/java/1.4/j2sdk1.4.2_04/lib/tools.jar:/d01/oracle/prodcomn/java/appsborg2.
zip:/d01/oracle/prodcomn/java

    Using Context file          : /d01/oracle/prodappl/admin/PROD_erp.xml

Context Value Management will now update the Context file

Context Value Management has found new variables that must be defined to update the con
text file and continue with system configuration

Variable : s_ohs_serveradmin
Details  : This parameter sets the e-mail address that the OHS
          includes in any error messages it returns to the client.
          It may be worth setting up a dedicated address for this purpose.
Enter the Oracle HTTP Server Administrator email address [applmgr@com]:

    Updating Context file...COMPLETED

    Attempting upload of Context file and templates to database...COMPLETED

Configuring templates from all of the product tops...
    Configuring AD TOP.....
```

Author – A.Kishore/Sachin
<http://appsdba.info>

Please wait for the autoconfig to complete the task :

```
applmgr@erp://d01/oracle/prodcomn/admin/scripts/PROD_erp
Attempting upload of Context file and templates to database...COMPLETED

Configuring templates from all of the product tops...
Configuring AD_TOP.....COMPLETED
Configuring FND_TOP.....COMPLETED
Configuring ICX_TOP.....COMPLETED
Configuring IEO_TOP.....COMPLETED
Configuring ABM_TOP.....COMPLETED
Configuring ECX_TOP.....COMPLETED
Configuring BIS_TOP.....COMPLETED
Configuring GL_TOP.....COMPLETED
Configuring AMS_TOP.....COMPLETED
Configuring CCT_TOP.....COMPLETED
Configuring WSH_TOP.....COMPLETED
Configuring CLN_TOP.....COMPLETED
Configuring OKE_TOP.....COMPLETED
Configuring OKL_TOP.....COMPLETED
Configuring OKS_TOP.....COMPLETED
Configuring CSF_TOP.....COMPLETED
Configuring XNC_TOP.....COMPLETED
Configuring IGS_TOP.....COMPLETED
Configuring IBY_TOP.....COMPLETED
Configuring PA_TOP.....COMPLETED
Configuring JTF_TOP.....COMPLETED
Configuring MWA_TOP.....COMPLETED
Configuring CN_TOP.....COMPLETED
Configuring CSI_TOP.....COMPLETED
Configuring WIP_TOP.....COMPLETED
Configuring CSE_TOP.....COMPLETED
Configuring EAM_TOP.....COMPLETED
Configuring IMT_TOP.....COMPLETED
Configuring FTE_TOP.....COMPLETED
Configuring ONT_TOP.....COMPLETED
Configuring AR_TOP.....COMPLETED
Configuring AHL_TOP.....COMPLETED
Configuring OZF_TOP.....COMPLETED
Configuring IES_TOP.....COMPLETED
Configuring CSD_TOP.....COMPLETED
Configuring IGC_TOP.....COMPLETED

AutoConfig completed successfully.
The log file for this session is located at: /d01/oracle/prodappl/admin/PROD_erp/log/12141113/adconfig.log
```

Step 6 : Check the log file generated by autoconfig using vi, for errors (if any)

```
applmgr@erp://d01/oracle/prodappl/admin/PROD_erp/log/12141113
[applmgr@erp PROD_erp]$ cd /$APPL_TOP/admin/PROD_erp/log/12141113
[applmgr@erp 12141113]$ ls
adconfig.log
[applmgr@erp 12141113]$ vi adconfig.log
```

Author – A.Kishore/Sachin
<http://appsdba.info>

```
appmgr@erp://d01/oracle/prodappl/admin/PROD_erp/log/12141113
Starting AutoConfig at Tue Dec 14 11:14:06 2010
Using adconfig.pl version 115.64

Classpath                : /d01/oracle/prodcomm/util/java/1.4/j2sdk1.4.2_04/
jre/lib/rt.jar:/d01/oracle/prodcomm/util/java/1.4/j2sdk1.4.2_04/lib/dt.jar:/d01/oracle/
prodcomm/util/java/1.4/j2sdk1.4.2_04/lib/tools.jar:/d01/oracle/prodcomm/java/appsborg2.
zip:/d01/oracle/prodcomm/java

=====
Starting Utility to Report Version Conflicts at Tue Dec 14 11:16:06 IST 2010
Using VersionConflictListGenerator.java version 115.2

All driver files processed.

No version conflict encountered.
=====

Using Context file       : /d01/oracle/prodappl/admin/PROD_erp.xml

Attempting to create a back up of the Context file
Created back up file of name :
    /d01/oracle/prodappl/admin/PROD_erp/out/12141116/PROD_erp.xml
=====
Starting synchronization of file system Context file and its templates with those in th
e database

Database connection      : Established

-----
                        ADX Database Utility
-----

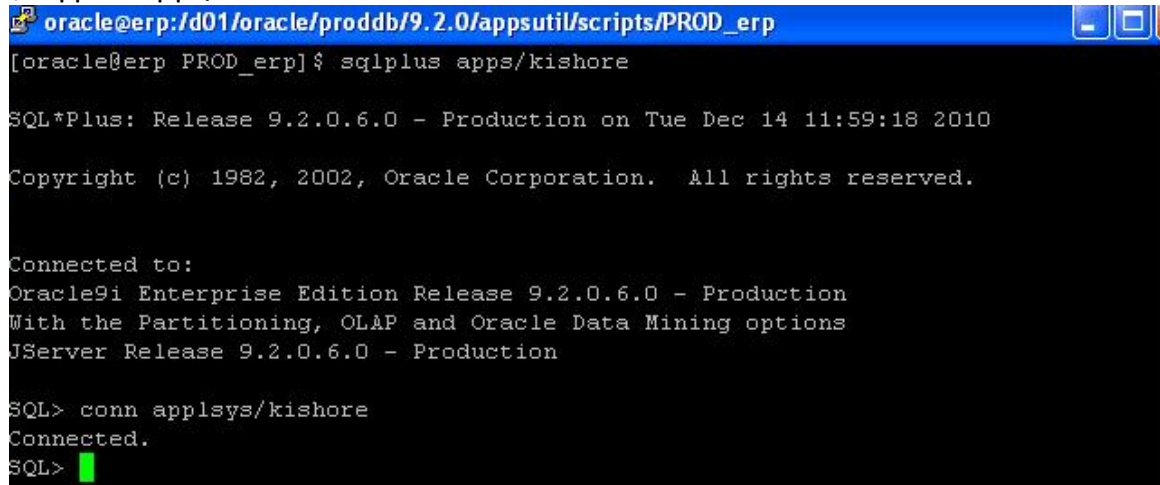
getConnectionUsingAppsJDBCConnector() -->
  APPS_JDBC_URL='jdbc:oracle:thin:@(DESCRIPTION=(LOAD_BALANCE=YES) (FAILOVER=YES) (ADDR
ESS_LIST=(ADDRESS=(PROTOCOL=tcp) (HOST=ERP.com) (PORT=1521))) (CONNECT_DATA=(SERVICE_NAME=
PROD)))'
  Trying to connect using APPS_JDBC_URL
  Connection obtained.

-----ADX Database Utility Finished-----
```

Author – A.Kishore/Sachin
<http://appsdba.info>

Step 7 : Now login to sqlplus using the new password as shown below:

```
$ sqlplus apps/kishore
```



```
oracle@erp:/d01/oracle/proddb/9.2.0/appsutil/scripts/PROD_erp
[oracle@erp PROD_erp]$ sqlplus apps/kishore

SQL*Plus: Release 9.2.0.6.0 - Production on Tue Dec 14 11:59:18 2010

Copyright (c) 1982, 2002, Oracle Corporation. All rights reserved.

Connected to:
Oracle9i Enterprise Edition Release 9.2.0.6.0 - Production
With the Partitioning, OLAP and Oracle Data Mining options
JServer Release 9.2.0.6.0 - Production

SQL> conn applsys/kishore
Connected.
SQL>
```

(B) Change Application User (sysadmin) Password Using FNDCPASS

Step 1 : we will use the USER mode to change the application user password like sysadmin .

```
FNDCPASS < logon> o Y < system/password> USER < username> < new_password>
```

logon - The Oracle username/password.

system/password - The username and password for the System DBA account.

username - The Oracle Applications user name. For example, 'SYSADMIN'.

new_password - The new password.

The USER token is used when changing an Oracle Applications user password. Use the above command with the following arguments. When specifying the USER token, FNDCPASS expects the next arguments to be an Oracle

Take an example as shown below :

```
$ FNDCPASS apps/kishore o Y system/manager USER sysadmin sachin
```

As we have already changed apps password, I am using the new password **kishore** and now want to change SYSADMIN password to **sachin**

Author – A.Kishore/Sachin
<http://appsdba.info>

```
applmgr@erp://d01/oracle/prodappl/admin/PROD_erp/log/12141113
[applmgr@erp 12141113]$ FNDCPASS APPS/KISHORE 0 Y USER SYSADMIN SACHIN
Log filename      : L238544.log

Report filename  : O238544.out
[applmgr@erp 12141113]$
```

Step 2 : Check the log file using vi editor for any errors.

```
applmgr@erp://d01/oracle/prodappl/admin/PROD_erp/log/12141113
-----+
Application Object Library: Version : 11.5.0 - Development

Copyright (c) 1979, 1999, Oracle Corporation. All rights reserved.

module:
-----+

Current system time is 14-DEC-2010 12:02:39

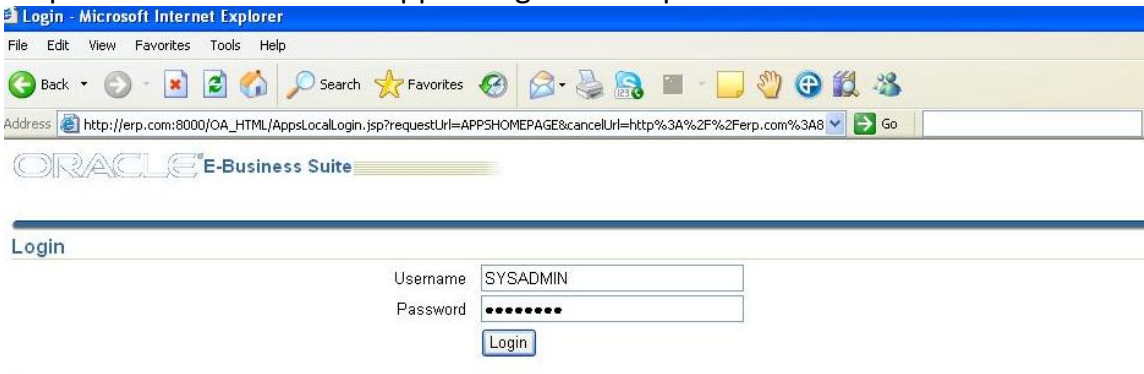
-----+

APP-FND-02703: Usage: FNDCPASS logon 0 Y system/password mode username new_password
where logon is username/password[@connect]
system/password is password of the system account of that database
mode is SYSTEM/USER/ORACLE
username is the username where you want to change its password
new_password is the new password in unencrypted format
example FNDCPASS apps/apps 0 Y system/manager SYSTEM APPLSYS WELCOME
FNDCPASS apps/apps 0 Y system/manager ORACLE GL      GL1
FNDCPASS apps/apps 0 Y system/manager USER  VISION  WELCOME

-----+
Concurrent request completed
Current system time is 14-DEC-2010 12:02:39

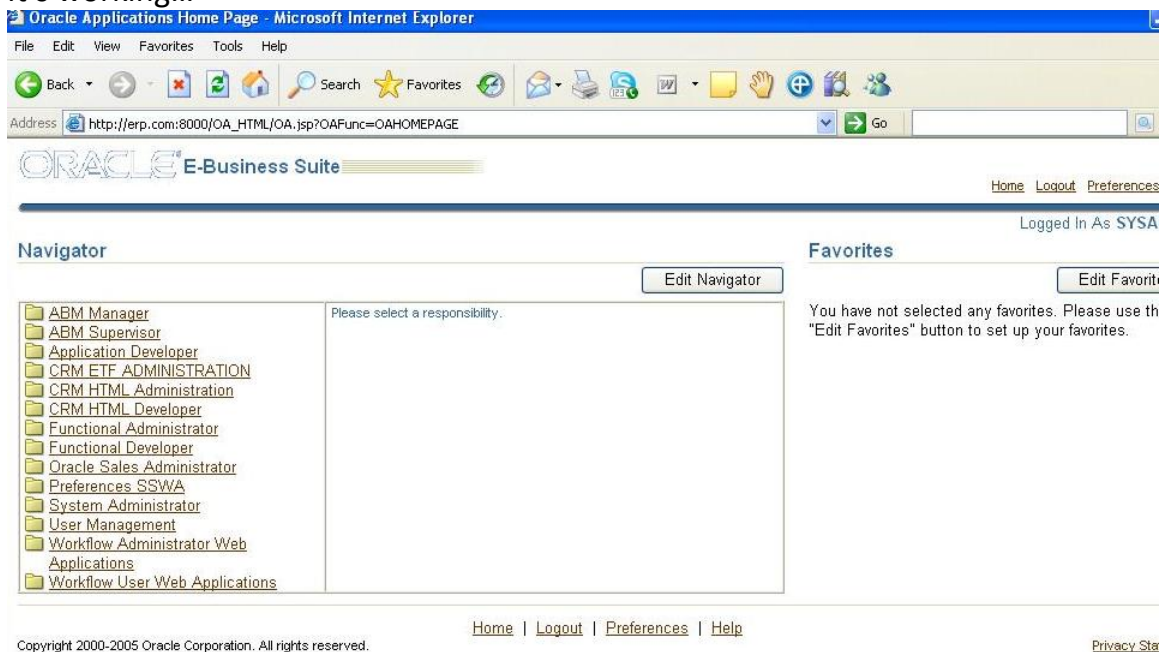
-----+
~
~
```

Step 3 : Now access oracle apps using the new password.



Author – A.Kishore/Sachin
<http://appsdba.info>

It's working...



(c) Change Single Oracle User Password Using FNDCPASS

To change an Oracle Applications schema password (other than APPS/APPLSYS):
Use this below command to change the password of a schema provided by an individual product in Oracle Applications. When specifying the ORACLE token, FNDCPASS expects the next arguments to be an ORACLE username and the new password.

Step 1 : Here we will use ORACLE mode to change password of oracle schema like AP,AR,GL etc, as follows

```
FNDCPASS <logon> o Y < system/password> ORACLE < username> < new_password>
```

logon - The Oracle username/password.

system/password - The username and password for the System DBA account.

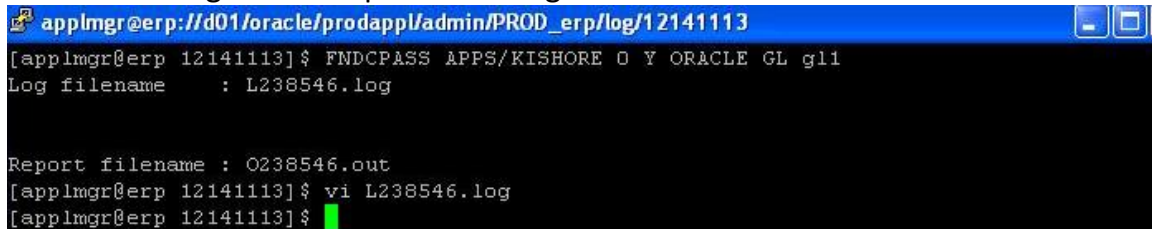
username - The Oracle Applications username. For example, 'VISION'.

new_password - The new password.

Take an example, here we will change the GL password to gl1 as shown below.

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<http://appsdba.info>

\$ FNDCPASS apps/apps 0 Y system/manager ORACLE GL gl1
We have changed the GL password to gl1

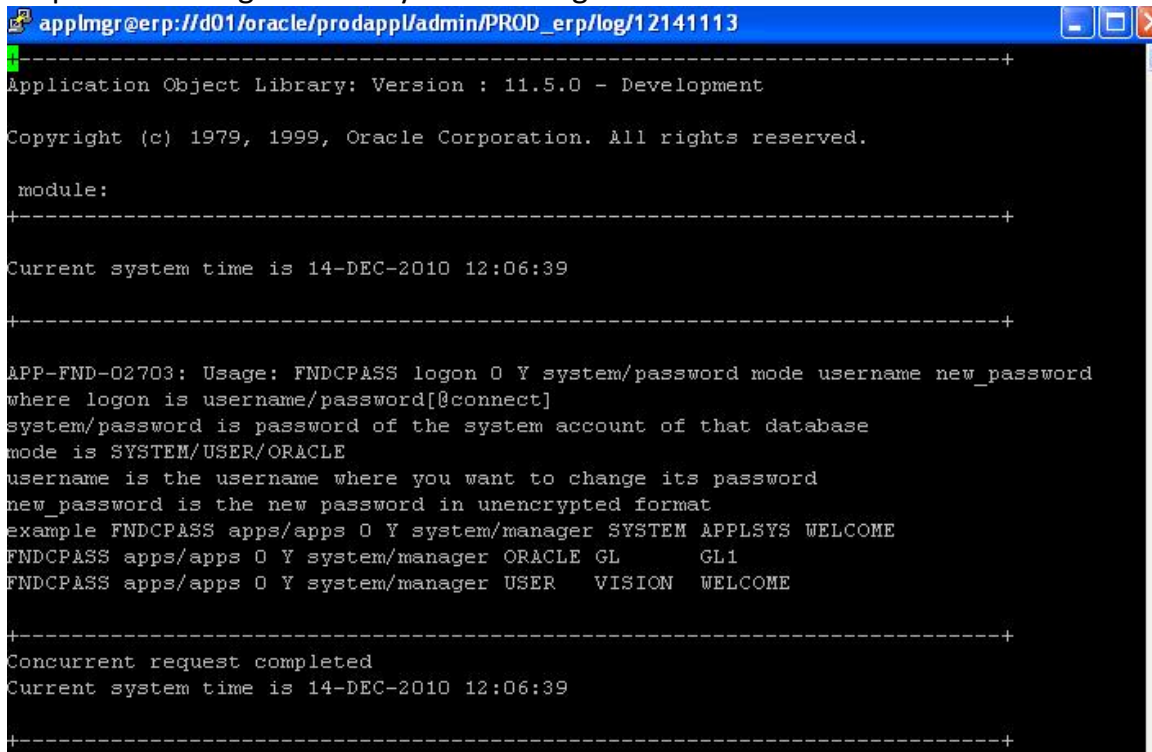


```
applmgr@erp://d01/oracle/prodappl/admin/PROD_erp/log/12141113
[applmgr@erp 12141113]$ FNDCPASS APPS/KISHORE 0 Y ORACLE GL gl1
Log filename      : L238546.log

Report filename  : O238546.out
[applmgr@erp 12141113]$ vi L238546.log
[applmgr@erp 12141113]$
```

When specifying the ORACLE token, FNDCPASS expects the next arguments to be an ORACLE username and the new password.

Step 2 : Check log file for any errors using vi editor



```
applmgr@erp://d01/oracle/prodappl/admin/PROD_erp/log/12141113
-----+
Application Object Library: Version : 11.5.0 - Development

Copyright (c) 1979, 1999, Oracle Corporation. All rights reserved.

module:
-----+

Current system time is 14-DEC-2010 12:06:39

-----+

APP-FND-02703: Usage: FNDCPASS logon 0 Y system/password mode username new_password
where logon is username/password[@connect]
system/password is password of the system account of that database
mode is SYSTEM/USER/ORACLE
username is the username where you want to change its password
new_password is the new password in unencrypted format
example FNDCPASS apps/apps 0 Y system/manager SYSTEM APPLSYS WELCOME
FNDCPASS apps/apps 0 Y system/manager ORACLE GL      GL1
FNDCPASS apps/apps 0 Y system/manager USER  VISION  WELCOME

-----+

Concurrent request completed
Current system time is 14-DEC-2010 12:06:39

-----+
```

Step 3 : Login to sqlplus with the new password and verify .
\$ sqlplus gl/gl1

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<http://appsdba.info>

```
SQL*Plus: Release 9.2.0.6.0 - Production on Tue Dec 14 12:18:50 2010
Copyright (c) 1982, 2002, Oracle Corporation. All rights reserved.

Connected to:
Oracle9i Enterprise Edition Release 9.2.0.6.0 - Production
With the Partitioning, OLAP and Oracle Data Mining options
JServer Release 9.2.0.6.0 - Production

SQL> █
```

(D) Change All Oracle Schema Passwords

With Product Family ATG version H Roll Up 3, Oracle Introduced New Option in FNDCPASS which is ALLORACLE to Change password of all Schemas provided by Oracle Application products.

Step 1 : If we want to use ALLORACLE mode of FNDCPASS we will have to apply a stand-alone patch# 4745998 (30MB) or its latest replacement patch# 4676589 (330MB). We can download it from metalink.

Please Note: There are 3 types of schema passwords available in Oracle EBS.

1. First type is APPLSYSPUB and the default password is 'PUB'.
2. The 2nd type is schemas APPLSYS and APPS and the default password of both is 'APPS'.
3. In 3rd type the product-specific base schemas having same passwords as schema name like GL/GL.

The ALLORACLE mode is used to change password of 3rd type schemas.

Step 2 : Execute the below command with the following syntax.

FNDCPASS <logon> o Y < system/password> ALLORACLE < new_password>

logon - The Oracle username/password.

system/password - The username and password for the SYSTEM DBA account.

new_password - The new password.

We will use the above command with the following arguments. When specifying the ALLORACLE token, FNDCPASS expects the next argument to be the new password.

Author – A.Kishore/Sachin
<http://appsdba.info>

\$ FNDCPASS apps/apps 0 Y system/manager ALLORACLE welcome
here we have changed all oracle users password to **welcome**.

Step 3 : Check the log file for any errors.

Step 4 : Now execute autoconfig .

Step 5 : Check the log file for any errors.

Step 6 : Now login to sqlplus with the new password and verify .

IMPORTANT NOTE :

1. If we changed the APPLSYSPUB password, then update the password in these files:

- FND_TOP/resource/appsweb.cfg
- OA_HTML/bin/appsweb.cfg
- INST_TOP/admin/fnd/12.0.0/secure/< host_name>_< dbname>.dbc

Please Note: When changing APPS (or APPLSYS) and APPLSYSPUB passwords, do not restart the system until the entire password change process has been completed.

2. Verify the new password.

If we changed the password for APPS (and APPLSYS), restart all concurrent managers, then log on to Oracle Applications to test the new password.