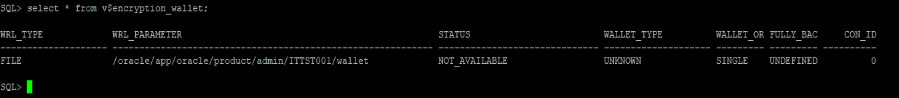
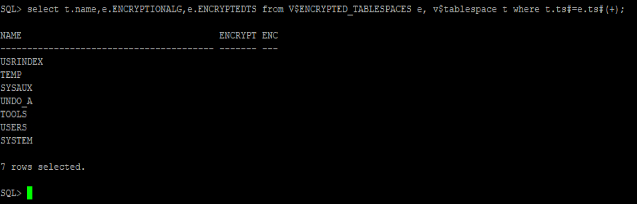
Implementation Plan:

select \* from v$encryption\_wallet;



select t.name,e.ENCRYPTIONALG,e.ENCRYPTEDTS from V$ENCRYPTED\_TABLESPACES e, v$tablespace t where t.ts#=e.ts#(+);



1. Create below directory structure to store wallet password

mkdir -p /oracle/app/oracle/product/admin/ITTST001/wallet/



2. Comment the below parameters in sqlnet.ora file

# sqlnet.ora

#

#NAMES.DEFAULT\_DOMAIN = world

#NAMES.DIRECTORY\_PATH = (TNSNAMES,EZCONNECT)

3. Update the Wallet directory path in sqlnet.ora file

ENCRYPTION\_WALLET\_LOCATION=

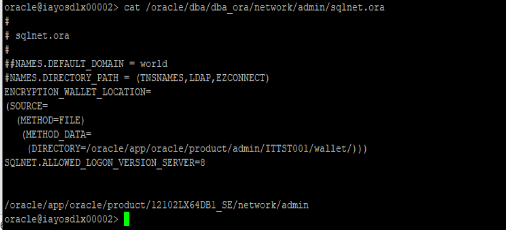
(SOURCE=

(METHOD=FILE)

(METHOD\_DATA=

(DIRECTORY=/oracle/app/oracle/product/admin/ITTST001/wallet/)))

SQLNET.ALLOWED\_LOGON\_VERSION\_SERVER=8

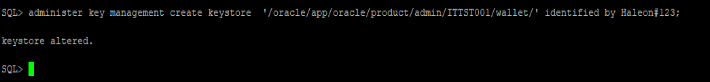


-- 4. Create a Restore point

create restore point before\_tde guarantee flashback database;

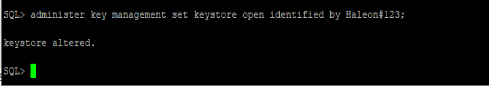
5.Create Keystore

administer key management create keystore '/oracle/app/oracle/product/admin/ITTST001/wallet/' identified by Haleon#123;



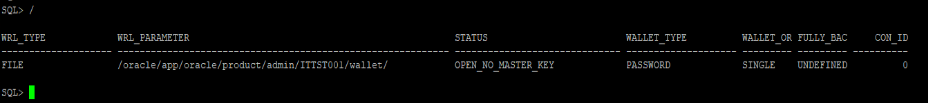
6.Open the Keystore

administer key management set keystore open identified by Haleon#123;



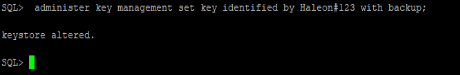
7. Validate the encryption status

select \* from v$encryption\_wallet;



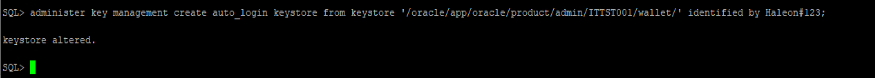
7. Create Master Key

administer key management set key identified by Haleon#123 with backup;



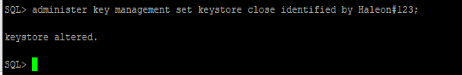
8. Create an auto-login Keystore

administer key management create auto\_login keystore from keystore '/oracle/app/oracle/product/admin/ITTST001/wallet/' identified by Haleon#123;



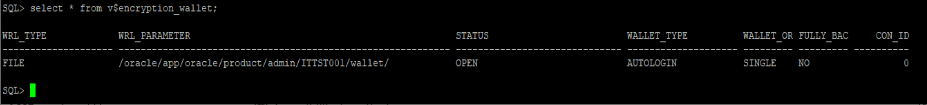
9. Close the password Keystore and open the auto-login Keystore

administer key management set keystore close identified by Haleon#123;



10. Validate the encryption status

select \* from v$encryption\_wallet;



11. Encrypt the tablespace

Alter tablespace USERS encryption online encrypt;

Alter tablespace TOOLS encryption online encrypt;

Alter tablespace USRINDEX encryption online encrypt;

12. Create below directory structure to store the wallet backup files

mkdir -p /oracle/app/oracle/product/admin/ITTST001/wallet

13. Create shell script to take backup of cwallet.sso and ewallet.p12 files and schedule cronjob for every 12hrs backup.

00 \*/12 \* \* \* /oracle/dba/wallet\_ITTST001\_env.sh OITTST001 < /dev/null