**Install Oracle Client on xpsdppw1q**

1. Make sure Unix Admin: Add oradbaix to /etc/opt/quest/vas/users.allow

(Submit eService Request for that.)

Add following filesystem - /orahome/psu01 - 80 GB

Add account (oracle) and group (dba) just like we have on xpsdppw2d

Make sure mount point /orahome owned by oracle

1. Create and copy all necessary folders and scripts from xpsdppw2d to setup oracle environment.

On xpsdppw1q

cd /orahome/psu01/oracle

mkdir product

cd /orahome/psu01/oracle/product

mkdir tar

mkdir 11.2.0.4

cd 11.2.0.4

mkdir client\_64bit\_dp1

mkdir client\_64bit\_dp2

chmod 755 /orahome/psu01/oracle

On xpsdppw2d

scp -rp /orahome/psu01/oracle/aetna xpsdppw1q:/orahome/psu01/oracle/aetna

scp -rp /orahome/psu01/oracle/scripts xpsdppw1q:/orahome/psu01/oracle/scripts

scp -rp /orahome/psu01/oracle/tls xpsdppw1q:/orahome/psu01/oracle/tls

scp -rp /orahome/psu01/oracle/relink xpsdppw1q:/orahome/psu01/oracle/relink

scp -rp /orahome/psu01/oracle/monitor xpsdppw1q:/orahome/psu01/oracle/monitor

scp -p /orahome/psu01/oracle/.profile xpsdppw1q:/orahome/psu01/oracle/.profile

On xpsdppw1q

##Modify some scripts

## Remove none DPP entries

cd /orahome/psu01/oracle/scripts

cp oraprof oraprof\_20151106

On xpsapm1q

scp -p /orahome/psu01/oracle/scripts/oraprof xpsdppw1q:/orahome/psu01/oracle/scripts/oraprof

On xpsdppw1q

cd /orahome/psu01/oracle/scripts

## Modify/ clean up entries if needed.

vi oraprof

## Ask Unix Admin to create /etc/oratab and /etc/oraInst.loc

vi /etc/oratab

DPUAT91:/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp1:N

DPDRYRUN:/orahome/psu01/oracle/product/11.2.0/client\_64bit\_dp2:N

DRYDBAR:/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp2:N

ORA11204\_1:/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp1:N

ORA11204\_2:/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp2:N

vi oraInst.loc

inventory\_loc=/orahome/psu01/oracle/oraInventory

inst\_group=dba

## Copy following files.

##Ask Unix Admin to copy oraenv and dbhome file over to new server if you do not have permission.

On xpsdppw2d

scp -p /usr/local/bin/oraenv xpsdppw1q:/usr/local/bin/oraenv

scp -p /usr/local/bin/dbhome xpsdppw1q:/usr/local/bin/dbhome

On xpsdppw1q

#Confirm oracle environment.

. ~/.profile

ORA11204\_1

##Confirm Settings - Otherwise Set

export ORACLE\_BASE=/orahome/psu01/oracle

export ORACLE\_HOME=/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp1

export ORACLE\_SID=ORA11204\_1

1. ##SCP necessary oracle client Install downloads over to /orahome/psu01/oracle/product/ oracle\_11204\_cd\_images folder.

On xpsdppw2d

scp -rp /orahome/psu01/oracle/product/oracle\_11204\_cd\_images xpsdppw1q:/orahome/psu01/oracle/product/oracle\_11204\_cd\_images

On xpsdppw2d

##SCP both Oracle Homes backups for Clone

scp -p /orahome/psu01/oracle/product/tar/tar\_11204\_client\_64bit\_dp1\_GOLD.tar.gz xpsdppw1q:/orahome/psu01/oracle/product/tar/tar\_11204\_client\_64bit\_dp1\_GOLD.tar.gz

scp -p /orahome/psu01/oracle/product/tar/tar\_11204\_client\_64bit\_dp2\_GOLD.tar.gz xpsdppw1q:/orahome/psu01/oracle/product/tar/tar\_11204\_client\_64bit\_dp2\_GOLD.tar.gz

1. ##Install Oracle Client for First home

##Get Your local IP address.

##run ipconfig from MS-DOS (cmd) window on your local laptop.

172.22.112.111

##Start Exceed

Start-> Programs -> Aetna Applications -> Open Text Exceed 14 -> Exceed

-- Go back to ssh window

cd /usr/bin

xterm -display 172.22.112.111:0 &

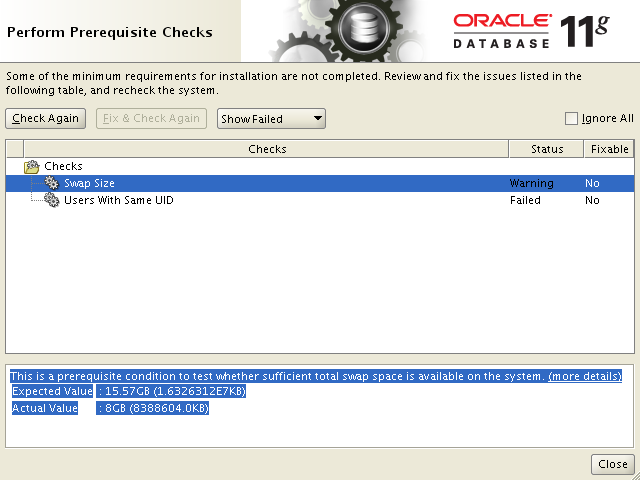
-- This should bring up new xWindow

-- Go back to xwindow

cd /orahome/psu01/oracle/product/oracle\_11204\_cd\_images/client

export DISPLAY=172.22.112.111:0

./runInstaller –executePrereqs



Ask Unix Admin to increase. Once completed click Check Again button.

1. ##Clone db\_1

cd /orahome/psu01/oracle/product/tar

gunzip tar\_11204\_client\_64bit\_dp1\_GOLD.tar.gz

cd /orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp1

tar -xvf /orahome/psu01/oracle/product/tar/tar\_11204\_client\_64bit\_dp1\_GOLD.tar

. ~/.profile

ORA11204\_1

----Confirm Settings - Otherwise Set

export ORACLE\_BASE=/orahome/psu01/oracle

export ORACLE\_HOME=/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp1

export ORACLE\_SID=ORA11204\_1

## Check for Home name if inventory.xml exist.

cat $HOME/oraInventory/ContentsXML/inventory.xml

cd $ORACLE\_HOME/clone/bin

**Note: the following command is wrapped. It should be entered as one line**

## Copy following into notepad to make sure it wrapped nicely and paste back to terminal.

perl clone.pl ORACLE\_HOME="/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp1" ORACLE\_HOME\_NAME="OraClient11g\_home1" ORACLE\_BASE="/orahome/psu01/oracle" OSDBA\_GROUP=dba OSOPER\_GROUP=dba

##Confirm Home added to Inventory

cat $HOME/oraInventory/ContentsXML/inventory.xml

##Run opatch to confirm all is well with the inventory

$ORACLE\_HOME/OPatch/opatch lsinventory

##Copy sqlnet.ora and tnsnames.ora to new Oracle Home

On xpsdppw1q

cd /orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp1/network/admin

mv sqlnet.ora sqlnet.ora.ori

mv tnsnames.ora tnsnames.ora.ori

On XPSAPW1Q

scp -p /orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp1/network/admin/tnsnames.ora xpsdppw1q:/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp1/network/admin/tnsnames.ora

scp -p /orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp1/network/admin/sqlnet.ora xpsdppw1q:/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp1/network/admin/sqlnet.ora

##Test Connection

sqlplus

system/xxx@DPUAT91

select name from v$database;

1. #Clone db\_2

cd /orahome/psu01/oracle/product/tar

gunzip tar\_11204\_client\_64bit\_dp2\_GOLD.tar.gz

cd /orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp2

tar -xvf /orahome/psu01/oracle/product/tar/tar\_11204\_client\_64bit\_dp2\_GOLD.tar

. ~/.profile

ORA11204\_2

----Confirm Settings - Otherwise Set

export ORACLE\_BASE=/orahome/psu01/oracle

export ORACLE\_HOME=/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp2

export ORACLE\_SID=ORA11204\_2

cat $HOME/oraInventory/ContentsXML/inventory.xml

cd $ORACLE\_HOME/clone/bin

**Note: the following command is wrapped. It should be entered as one line**

## Copy following into notepad to make sure it wrapped nicely and paste back to terminal.

perl clone.pl ORACLE\_HOME="/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp2" ORACLE\_HOME\_NAME="OraClient11g\_home2" ORACLE\_BASE="/orahome/psu01/oracle" OSDBA\_GROUP=dba OSOPER\_GROUP=dba

##Confirm Home added to Inventory

cat $HOME/oraInventory/ContentsXML/inventory.xml

##Run opatch to confirm all is well with the inventory

$ORACLE\_HOME/OPatch/opatch lsinventory

##Copy sqlnet.ora and tnsnames.ora to new Oracle Home

On xpsdppw1q

cd /orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp2/network/admin

mv sqlnet.ora sqlnet.ora.ori

mv tnsnames.ora tnsnames.ora.ori

On XPSAPW1Q

scp -p /orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp2/network/admin/tnsnames.ora xpsdppw1q:/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp2/network/admin/tnsnames.ora

scp -p /orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp2/network/admin/sqlnet.ora xpsdppw1q:/orahome/psu01/oracle/product/11.2.0.4/client\_64bit\_dp2/network/admin/sqlnet.ora

Test Connection

Sqlplus

system/xxx@DPUAT91

select name from v$database;

##gzip tar back file once all cloning completed.

cd /orahome/psu01/oracle/product/tar/

gzip tar\_11204\_client\_64bit\_dp1\_GOLD.tar

gzip tar\_11204\_client\_64bit\_dp2\_GOLD.tar

1. ##Add and jobs in crontab

crontab -e

#Create Backup Copy of Cron Table

00 05 \* \* \* crontab -l > ${HOME}/crontab.lst

#############################################################################

# Verify TSM Backup Was Run Recently

00 08 \* \* \* ${HOME}/tls/get\_tsm\_backup\_info.ksh

#############################################################################

#Oracle Homes backups once a month

05 00 1 \* \* /orahome/psu01/oracle/relink/save\_OH\_b4patch.ksh