\*\*\*\* DW PROD \*\*\*

HEDWPRD\_xhedwdbm2pcl - Primary database

HEDWPRD\_xhedwdbm21p- Physical standby database

HEDWPRD\_xhedwdbw21p - Physical standby database

1. **Decouple Standby**

Suspend Primary DB OEM jobs

Suspend Standby’s DB OEM jobs

Check to make sure log apply working as expected. Run from Primary

Determine on which standby configured based on **log\_archive\_dest\_2** or **log\_archive\_dest\_3**

-- HEDWPRD\_xhedwdbw21p

SELECT DB\_NAME, HOSTNAME, LOG\_ARCHIVED, LOG\_APPLIED,APPLIED\_TIME,

LOG\_ARCHIVED-LOG\_APPLIED LOG\_GAP

FROM

(

SELECT NAME DB\_NAME

FROM V$DATABASE

),

(

SELECT UPPER(SUBSTR(HOST\_NAME,1,(DECODE(INSTR(HOST\_NAME,'.'),0,LENGTH(HOST\_NAME),

(INSTR(HOST\_NAME,'.')-1))))) HOSTNAME

FROM V$INSTANCE

),

(

SELECT MAX(SEQUENCE#) LOG\_ARCHIVED

FROM V$ARCHIVED\_LOG WHERE DEST\_ID=1 AND ARCHIVED='YES'

),

(

SELECT MAX(SEQUENCE#) LOG\_APPLIED

FROM V$ARCHIVED\_LOG WHERE DEST\_ID=2 AND APPLIED='YES'

),

(

SELECT TO\_CHAR(MAX(COMPLETION\_TIME),'DD-MON/HH24:MI') APPLIED\_TIME

FROM V$ARCHIVED\_LOG WHERE DEST\_ID=2 AND APPLIED='YES'

);

-- HEDWPRD\_xhedwdbm21p

SELECT DB\_NAME, HOSTNAME, LOG\_ARCHIVED, LOG\_APPLIED,APPLIED\_TIME,

LOG\_ARCHIVED-LOG\_APPLIED LOG\_GAP

FROM

(

SELECT NAME DB\_NAME

FROM V$DATABASE

),

(

SELECT UPPER(SUBSTR(HOST\_NAME,1,(DECODE(INSTR(HOST\_NAME,'.'),0,LENGTH(HOST\_NAME),

(INSTR(HOST\_NAME,'.')-1))))) HOSTNAME

FROM V$INSTANCE

),

(

SELECT MAX(SEQUENCE#) LOG\_ARCHIVED

FROM V$ARCHIVED\_LOG WHERE DEST\_ID=1 AND ARCHIVED='YES'

),

(

SELECT MAX(SEQUENCE#) LOG\_APPLIED

FROM V$ARCHIVED\_LOG WHERE DEST\_ID=3 AND APPLIED='YES'

),

(

SELECT TO\_CHAR(MAX(COMPLETION\_TIME),'DD-MON/HH24:MI') APPLIED\_TIME

FROM V$ARCHIVED\_LOG WHERE DEST\_ID=3 AND APPLIED='YES'

);

Suspend log shipping from **Primary**

dgmgrl /

DGMGRL> show configuration

Configuration - HEDWPRD

Protection Mode: MaxPerformance

Members:

HEDWPRD\_xhedwdbm2pcl - Primary database

HEDWPRD\_xhedwdbw21p - Physical standby database

HEDWPRD\_xhedwdbm21p - Physical standby database

HEDWPRD\_xhedwdbw2pcl - Physical standby database

Fast-Start Failover: Disabled

Configuration Status:

SUCCESS (status updated 51 seconds ago)

edit database 'HEDWPRD\_xhedwdbm2pcl' set state=transport-off;

show database verbose 'HEDWPRD\_xhedwdbm2pcl';

-- HEDWPRD\_xhedwdbw21p

Turn off log applied on **Standby**

dgmgrl /

edit database 'HEDWPRD\_xhedwdbw21p' set state=apply-off;

show database verbose 'HEDWPRD\_xhedwdbw21p';

-- HEDWPRD\_xhedwdbm21p

dgmgrl /

edit database 'HEDWPRD\_xhedwdbm21p' set state=apply-off;

show database verbose 'HEDWPRD\_xhedwdbm21p';

Remove StandBy configuration from **Primary**

sqlplus / as sysdba

show parameter log\_archive\_dest\_3

service="(DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=xhedwdbm21p)(PORT=1575))(CONNECT\_DATA=(SID=HEDWPRD)))", ASYNC NOAFFIRM delay=0 optional compression=disable max\_failure=0 reopen=300 db\_unique\_name="HEDWPRD\_xhedwdbm21p" net\_timeout=30, valid\_for=(online\_logfile,all\_roles)

show parameter log\_archive\_dest\_2

service="(DESCRIPTION=(ADDRESS=(PROTOCOL=TCP)(HOST=xhedwdbw21p)(PORT=1575))(CONNECT\_DATA=(SID=HEDWPRD)))", ASYNC NOAFFIRM delay=0 optional compression=disable max\_failure=0 reopen=300 db\_unique\_name="HEDWPRD\_xhedwdbw21p" net\_timeout=30, valid\_for=(online\_logfile,all\_roles)

show parameter log\_archive\_config;

dg\_config=(HEDWPRD\_xhedwdbm2pcl,HEDWPRD\_xhedwdbm21p,HEDWPRD\_xhedwdbw21p,HEDWPRD\_xhedwdbw2pcl)

disable database 'HEDWPRD\_xhedwdbw21p';

remove database 'HEDWPRD\_xhedwdbw21p';

disable database 'HEDWPRD\_xhedwdbm21p';

remove database 'HEDWPRD\_xhedwdbm21p';

sqlplus / as sysdba

alter system set log\_archive\_dest\_2='' scope=both;

alter system set log\_archive\_dest\_3='' scope=both;

~~alter system set LOG\_ARCHIVE\_CONFIG='' scope=both;~~

alter system set log\_archive\_config='dg\_config=(HEDWPRD\_xhedwdbm2pcl,HEDWPRD\_xhedwdbw2pcl)';

**-- HEDWPRD\_** **xhedwdbw21p**

Remove broker from **Standby**

sqlplus / as sysdba

show parameter dg\_broker\_config\_file

/orahome/u01/app/oracle/product/19.22.0/db\_1/dbs/dr1HEDWPRD\_xhedwdbw21p.dat

/orahome/u01/app/oracle/product/19.22.0/db\_1/dbs/dr2HEDWPRD\_xhedwdbw21p.dat

cd $ORACLE\_HOME/dbs

mv dr1HEDWPRD\_xhedwdbw21p.dat dr1HEDWPRD\_xhedwdbw21p.dat\_BKP

mv dr2HEDWPRD\_xhedwdbw21p.dat dr2HEDWPRD\_xhedwdbw21p.dat\_BKP

**-- HEPYPRD\_xhepydbm1p**

Remove broker from **Standby**

sqlplus / as sysdba

show parameter /orahome/u01/app/oracle/product/19.22.0/db\_1/dbs/dr2HEDWPRD\_xhedwdbm21p.dat

cd $ORACLE\_HOME/dbs

mv dr1HEDWPRD\_xhedwdbm21p.dat dr1HEDWPRD\_xhedwdbm21p.dat\_BKP

mv dr2HEDWPRD\_xhedwdbm21p.dat dr2HEDWPRD\_xhedwdbm21p.dat\_BKP

**-- HEDWPRD\_** **xhedwdbw21p**

Run from **StandBy**

sqlplus / as sysdba

ALTER DATABASE RECOVER MANAGED STANDBY DATABASE FINISH;

ALTER DATABASE ACTIVATE PHYSICAL STANDBY DATABASE;

ALTER SYSTEM SET DG\_BROKER\_START = FALSE;

SHUTDOWN IMMEDIATE;

STARTUP;

SELECT OPEN\_MODE,PROTECTION\_MODE,DATABASE\_ROLE FROM V$DATABASE;

OPEN\_MODE

----------------------

PROTECTION\_MODE

----------------------

DATABASE\_ROLE

----------------------

READ WRITE

MAXIMUM PERFORMANCE

PRIMARY

srvctl config database -d HEDWPRD\_xhedwdbw21p

srvctl modify database -d HEDWPRD\_xhedwdbw21p -s open -r PRIMARY

srvctl stop database -d HEDWPRD\_xhedwdbw21p

srvctl start database -d HEDWPRD\_xhedwdbw21p

srvctl config database -d HEDWPRD\_xhedwdbw21p

!! note output from last config command

Bounce AGENT on **Standby**

. oraenv

GCAGENT

cd /orahome/u01/app/oracle/product/agent12c/agent\_13.5.0.0.0/bin

./emctl stop agent

./emctl start agent

**-- HEDWPRD\_** **xhedwdbm21p**

Run from **StandBy**

sqlplus / as sysdba

ALTER DATABASE RECOVER MANAGED STANDBY DATABASE FINISH;

ALTER DATABASE ACTIVATE PHYSICAL STANDBY DATABASE;

ALTER SYSTEM SET DG\_BROKER\_START = FALSE;

SHUTDOWN IMMEDIATE;

STARTUP;

SELECT OPEN\_MODE,PROTECTION\_MODE,DATABASE\_ROLE FROM V$DATABASE;

OPEN\_MODE

----------------------

PROTECTION\_MODE

----------------------

DATABASE\_ROLE

----------------------

READ WRITE

MAXIMUM PERFORMANCE

PRIMARY

srvctl config database -d HEDWPRD\_xhedwdbm21p

srvctl modify database -d HEDWPRD\_xhedwdbm21p -s open -r PRIMARY

srvctl stop database -d HEDWPRD\_xhedwdbm21p

srvctl start database -d HEDWPRD\_xhedwdbm21p

srvctl config database -d HEDWPRD\_xhedwdbm21p

!! note output from last config command

Bounce AGENT on **Standby**

. oraenv

GCAGENT

cd /orahome/u01/app/oracle/product/agent12c/agent\_13.5.0.0.0/bin

./emctl stop agent

./emctl start agent

Enabled log shipping from **Primary**

dgmgrl /

edit database 'HEDWPRD\_xhedwdbm2pcl' set state=transport-on;

show database verbose 'HEDWPRD\_xhedwdbm2pcl';

Bounce AGENT on **Primary**

. oraenv

GCAGENT

cd /oradb/app/oracle/product/oem\_agent/agent\_13.5.0.0.0/bin

./emctl stop agent

./emctl start agent

Enable other OEM backup jobs on Primary

On each Standby server that target decommission Jenkins actions run following to avoid emcli errors in ansible:

**On xhedwdbw21p**

.oraenv

+ASM

cd /orahome/u01/app/oracle/product/emcli

./emcli login -username=sysman -password=Autumn#20

**On xhedwdbm21p**

.oraenv

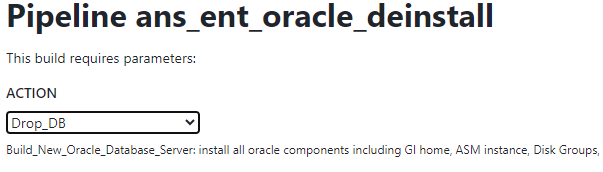
+ASM

cd /orahome/u01/app/oracle/product/emcli

./emcli login -username=sysman -password=Autumn#20

# In new incognito window open below link

<https://ci-autoeng.cvshealth.com/jenkins/>



**Example: xhepydbw21p and xhepydbm1p**

**instance\_name: HEDWPRD**

**syspass: gjMA$6YS**

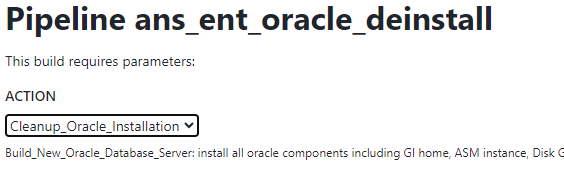
**rcatpass: HEDWPRDnamr**

**backup\_archived\_logs: n**

**remove\_from\_oem: y**

**remove\_backups: n**

**remove\_diag\_files: y**



**!! leave empty parameter section. Make sure no spaces.**

**Last step once all above completed submit decommission request to Linux team**

https://aetnaprod1.service-now.com/sp\_home?id=sc\_cat\_item&sys\_id=56fcceaa1b553890235015ff034bcb1d&sysparm\_category=b55bebe26f8b150007a5f00dba3ee459