\*\*\*\*10/19/2021 – HEPYMASK from HEPYPRD \*\*\*\*

!! If HEPYQA Standby exist on xhepydbm21q drop it first.

Logon to the database server hosting database HEPYQA (xhepydbm21q)

. oraenv

HEPYQA

cd $SCRIPTS

!! Say YES to all. You’ll want to respond schedule to the rman/tsm cleanup prompt.

drop\_database.sh HEPYQA

None Prod sys: xxx

If this HEPYQA Primary or Standby get ZOPA from TPAM

Suspend all applicable OEM and Cron jobs prior to the clone activity (Comment out HEPYMASK entries in crontab and suspend Backup jobs in OEM – **if any exist**)

~~• Run script prior to clone refresh. (See script for details).~~

~~!! reset HEPYPRD a236120 ZOPA = to what currently in HEPYMASK (if ZOPA was used before reset in HEPYMASK to new one and reset to that one in HEPYPRD)~~

~~Logon to the database server hosting database HEPYMASK (xhepydbm21q)~~

~~. oraenv~~

~~HEPYMASK~~

~~cd $HOME/tls/refresh/HEPYMASK~~

~~./clone\_pre\_steps.sh~~

~~The script will prompt for the following information:~~

~~Database to be refreshed (auxiliary database)~~

~~HEPYMASK~~

~~Source database to be used for the refresh (target database)~~

~~HEPYPRD~~

~~DBA ID (dba id to be used for connecting to the aux and target databases)~~

~~A236120~~

~~DBA ZOPA (ZOPA for the dba id being used for connecting to the aux and target databases)~~

~~enter\_ZOPA\_here – Feb24#2020~~

~~Starting Number (Step number to begin with in the script as the script is restartable. Specify 1 to run~~

~~all steps in the script. Specify a number other than 1 if the script is being run again due to an error~~

~~and you want to start at the failed step number).~~

~~1~~

~~The above script creates a sub directory underneath where the script resides in the format of Mon\_DD\_YYYY, in this directory will be the scripts to be used in support of the post clone activity and a log detailing the run activity of the pre clone steps that were run.~~

~~cd /home/oracle/tls/refresh/HEPYMASK~~

• Drop Auxiliary DataBase (if exist)

Logon to the database server hosting database HEPYMASK (xhepydbm21q)

. oraenv

HEPYMASK

cd $SCRIPTS

!! Say No to all. You’ll want to respond schedule to the rman/tsm cleanup prompt.

drop\_database.sh HEPYMASK

None Prod sys: Locked#99999

!! Check if any old arhivelogs dirs. need to be removed to free up FLASH space

asmcmd

cd FLASH\_01/

cd ARCHIVELOG/

ls

--If you see old dir dated when clone was taken. Remove it

rm -r 2020\_08\_10/

• Clone Target Database to Auxiliary DataBase

Clone HEPYPRD to HEPYMASK

!! get HEPYPRD sys ZOPA from TPAM and test login (from DBArtisan for example)

(if cloning from none Prod None Prod sys: Locked#99999)

Logon to the database server hosting database HEPYMASK (xhepydbm21q)

. oraenv

+ASM

cd $SCRIPTS

in case if Target Redo log disks smaller than production use following to override source sizes.

##usage: $ . clone\_db.sh <target\_db\_name> <target\_db\_port> <source\_db\_name> source\_port> <source\_host> <opt redo sz>

--from HEPYPRD Standby

~~nohup ./clone\_db.sh HEPYMASK 1530 HEPYPRD 1574 xhepydbw21p <<< $'6\nkgRN+7vf\n' &~~

!! if this clone from HEPYPRD change sga\_target and sga\_max from 2 g to 6 g

nohup ./clone\_db\_eb.sh HEPYMASK 1530 HEPYPRD 1574 xhepydbw21p <<< $'8\nwwMF%5ql\n' &

--from HEPYPRD Primary

~~nohup ./clone\_db.sh HEPYMASK 1530 HEPYPRD 1574 xhepydbm21p <<< $'4\nxmXH?8aa\n' &~~

## To monitor Open second SSH

cd $SCRIPTS

cd ..

cd logs

tail -f ...

## to monitor rman portion

. oraenv HEPYMASK

cd $SCRIPTS

cd ..

cd rman

tail -f xxxx

or

/orahome/u01/app/oracle/admin/HEPYMASK/rman

tail -f xxxx

Steps in case clone failed and needs to be restarted

1.Shutdown the instance (shutdown abort)

2.Remove instance files from $DBS (rm \*HEPYMASK\*)

3.Remove the database entry from the oratab

4.Remove the database directories from asm. In asmcmd rm -r \*/HEPYMASK\_XHEPYDBM21Q

srvctl stop listener -l HEPYMASK

srvctl remove listener -l HEPYMASK

• Run script after the clone refresh. (**Please note this is custom clone\_post\_steps script for HEPYMASK**).

Logon to the database server hosting database HEPYMASK (xhepydbm21q)

. oraenv

HEPYMASK

cd $HOME/HEPYMASK/refresh

ALTER USER A236120

IDENTIFIED BY "xxxx"

/

cd $HOME/HEPYMASK/refresh

./clone\_post\_steps.sh

The script will prompt for the following information:

Database to be refreshed (auxiliary database)

HEPYMASK

Enter Schema Owner (e.g. PROD)

PROD

DBA ID (dba id to be used for connecting to the aux database)

A236120

DBA ZOPA (ZOPA for the dba id being used for connecting to the aux and target databases)

enter\_pasword\_here – xxx

Starting Number (Step number to begin with in the script as the script is restartable. Specify 1 to run

all steps in the script. Specify a number other than 1 if the script is being run again due to an error

and want to start at the failed step number).

1

cd /orahome/u01/app/oracle/admin/HEPYMASK/rman

configure\_ddboost.rman

## Enable heartbeat if not already enabled

**\*/5 \* \* \* \* /home/oracle/tls/rman/heartbeat.ksh HEPYMASK AEDBA > /dev/null 2>&1**

!! Just in case Prod still under old Oracle Home. Apply latest PSU

cd $SCRIPTS

./patch\_db.sh 19.12.0 HEPYMASK

Resume all OEM jobs that were disabled prior clone.

Check if backup jobs not there add them. Schedule archivelog job every

30 min.

Run Level 0 and Archivelog jobs

Once backups completed move database to norachivelog mode

sqlplus / as sysdba

shutdown immediate;

startup mount;

alter database flashback off;

ALTER DATABASE NO FORCE LOGGING;

alter database noarchivelog;

alter database open;

archive log list;

Once Masking completed move database back to archivelog mode and run Level0 + archivelog backups

sqlplus / as sysdba

shutdown immediate;

startup mount;

alter database archivelog;

alter database open;

archive log list;

ALTER DATABASE FORCE LOGGING;