Refresh Auxiliary DataBase From Target DataBaseAs promised.

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Attached are the steps I performed to clone HEDWTST to HEDWQA3 from tape.

You’ll want to copy the following two scripts to the servers in need of the refresh.

Everything below should occur on the server for the database in need of the refresh:

cd /home/oracle/tls/refresh/HEXXXXX

scp -p xhedwdbw23q:/home/oracle/tls/refresh/HEDWQA3/clone\_db\_fr\_tape.sh **.**

scp -p xhedwdbw23q:/home/oracle/tls/refresh/HEDWQA3/duplicate\_HEDWTST\_fr\_tape.rman **.**

No changes are required to the script clone\_db\_fr\_tape.sh

Changes are required to script duplicate\_HEDWTST\_fr\_tape.rman

Rename script  duplicate\_HEDWTST\_fr\_tape.rman to duplicate\_HEXXXXX\_fr\_tape.rman where XXXXX is the name of the source database.

Modify the file duplicate\_HEXXXXX\_fr\_tape.rman to reflect the appropriate target and source database names

Note: PAYOR source database may have 6000M logs so you’ll need to change the size of the logs

           Be sure to also modify the RMAN catalog information, the dbid for the source database, and the host name(db\_unique\_name).

When you are finished with the modifications, you should have no references to HEDWTST and HEDWQA3 in the file.

If you are asked to refresh Stress, I personally would take a level 0 backup of Stress with logs before the refresh as you know the database will need to be restored.

This will easily allow you to keep the backup beyond the 14 or 30 day retention.

Good luck,

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The below procedures wer used to refresh the DW QA3 database.

HEDWQA3 database was refreshed from HEDWTST using TSM backups.

Cancel all applicable OEM and Cron jobs prior to the clone activity.

Below is an example of cloning HEDWTST to HEDWQA3

• Run archivelog backup for HEDWTST (Want to copy latest logs to tape for setting until time in clone)

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

Logon to the database server hosting database HEDWQA3

. oraenv   
 HEDWQA3

cd $HOME/tls/refresh/HEDWQA3

./clone\_pre\_steps.sh

The script will prompt for the following information:

Database to be refreshed (auxiliary database)  
 HEDWQA3

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

DBA ID (dba id to be used for connecting to the aux and target databases)  
 N025774

DBA Password (password for the dba id being used for connecting to the aux and target databases)  
 enter\_password\_here

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.

• Drop Auxiliary DataBase

Logon to the database server hosting database HEDWQA3

. oraenv   
 HEDWQA3

cd $SCRIPTS

drop\_database.sh HEDWQA3

About to drop database HEDWQA3\_xhedwdbw23q are you sure you want to continue?

1) Yes

2) No

#? **1**

Do you wish to backup remaining archive logs before dropping database?

1) Yes

2) No

#? **1**

Do you want to save and remove the database and listener diag directories?

1) Yes

2) No

#? **2**

Do you want to save and remove the /orahome/u01/app/oracle/admin/HEDWQA3 directory?

1) Yes

2) No

#? **2**

Do you want to remove the OEM database and listener targets?

1) Yes

2) No

#? **2**

Do you want to delete database backups?

1) Yes

2) No

3) Schedule

#? **3**

• Update RMAN duplication script to reflect duplication ‘until time’ and current dbid of HEDWTST

vi $HOME/tls/refresh/HEDWQA3/duplicate\_HEDWTST\_fr\_tape.rman

• Clone Target Database to Auxiliary DataBase

Clone HEDWTST to HEDWQA3

Logon to the database server hosting database HEDWQA3

. oraenv   
 HEDWQA3

cd $HOME/tls/refresh/HEDWQA3

nohup ./clone\_db\_fr\_tape.sh HEDWQA3 1573 HEDWTST 1563 xhedwdbw24d  <<< $'6\nxyz\n' &

Run post-clone script after the clone refresh. (See script for details).

Logon to the database server hosting database HEDWQA3

. oraenv   
 HEDWQA3

cd $HOME/tls/refresh/HEDWQA3

./clone\_post\_steps.sh

The script will prompt for the following information:

Database to be refreshed (auxiliary database)  
 HEDWQA3

DBA ID (dba id to be used for connecting to the aux database)  
 N025774

DBA Password (password for the dba id being used for connecting)  
 enter\_pasword\_here

Subdirectory name where clone pre run scripts were created (e.g. MON\_DD\_YYYY)  
 Jul\_23\_2019

Note: This directory resides under the directory where this script resides.

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

The script writes to the sub directory created by the pre clone script in the format of Mon\_DD\_YYYY, in this directory will be the scripts created by the pre clone scripts and a log detailing the run activity of the post clone steps that were run.

Resume all OEM and Cron jobs that were disabled above.