# Cluster Commands to Stop/Start Listener, Database and Dataguard Broker configured as resources:

# Veritas Cluster Commands

## To check the cluster resource and details

$ /opt/VRTS/bin/hastatus -summary

VCS NOTICE V-16-1-52563 VCS Login:oracle

Password: <--oracle

-- SYSTEM STATE

-- System State Frozen

A sam2stl3 RUNNING 0

A sam2stl4 RUNNING 0

-- GROUP STATE

-- Group System Probed AutoDisabled State

B app1-sg sam2stl3 Y N ONLINE

B app1-sg sam2stl4 Y N OFFLINE

B cvm sam2stl3 Y N ONLINE

B cvm sam2stl4 Y N ONLINE

B localapps1-sg sam2stl3 Y N ONLINE

B localapps1-sg sam2stl4 Y N ONLINE

B network-sg sam2stl3 Y N ONLINE

B network-sg sam2stl4 Y N ONLINE

B oracle1-sg sam2stl3 Y N OFFLINE

B oracle1-sg sam2stl4 Y N ONLINE

B oracle1tools1-sg sam2stl3 Y N OFFLINE

B oracle1tools1-sg sam2stl4 Y N ONLINE

## Check the status of a service group

##/opt/VRTS/bin/hagrp -state

##/opt/VRTS/bin/hagrp -state <group>

$ /opt/VRTS/bin/hagrp -state

VCS NOTICE V-16-1-52563 VCS Login:oracle

Password:

#Group Attribute System Value

cvm State wdb2stl7 |ONLINE|

cvm State wdb2stl8 |ONLINE|

network-sg State wdb2stl7 |ONLINE|

network-sg State wdb2stl8 |ONLINE|

oracle1-sg State wdb2stl7 |PARTIAL|

oracle1-sg State wdb2stl8 |OFFLINE|

$ /opt/VRTS/bin/hagrp -state oracle1-sg

VCS NOTICE V-16-1-52563 VCS Login:oracle

Password:

#Group Attribute System Value

oracle1-sg State sam2stl3 |OFFLINE|

oracle1-sg State sam2stl4 |ONLINE|

## List the resources in a service group

/opt/VRTS/bin/hagrp -resources <group>

$ /opt/VRTS/bin/hagrp -resources oracle1-sg

VCS NOTICE V-16-1-52563 VCS Login:oracle

Password:

oracle1ha1dg

sam2stl34-oracle1

arch\_log\_01

dbs10

dbs11

dbs12

dbs13

ora\_exp\_01

ora\_trc\_01

sa01\_lcf\_oracle1

sa01\_patrol\_oracle1

sa01\_pdb\_oracle1

sa01\_precise\_oracle1

sa01\_tws\_oracle1

oracle1-listener

oracle1-psam1s-server

oracle1-MultiNICB-proxy

a01\_replication

## Check the status of a resource in the group

/opt/VRTS/bin/hares -state <resource>

$ /opt/VRTS/bin/hares -state oracle1-psam1s-server

VCS NOTICE V-16-1-52563 VCS Login:oracle

Password:

#Resource Attribute System Value

oracle1-psam1s-server State sam2stl3 OFFLINE

oracle1-psam1s-server State sam2stl4 ONLINE

## 

## To stop/offline the resource

/opt/VRTS/bin/hares -offline <resource> -sys <server>

$ /opt/VRTS/bin/hares -offline oracle2-dsam4s-server -sys sam2stl4

**Note :-**

While stopping/offlining resources use the below sequence

Stop replication resource

Stop listener resource

Stop database resource

While starting/onlining resources use the below sequence

Start database resource

Start listener resource

Start replication resource

## To start/online the resource

/opt/VRTS/bin/hares –online <resource> -sys <server>

$ /opt/VRTS/bin/hares –online oracle2-dsam4s-server -sys sam2stl4

## To stop/offline the whole resouce group

/opt/VRTS/bin/hagrp -offline <service-group> -sys <destination-system>

$ /opt/VRTS/bin/hagrp -offline oracle1-sg -sys sam2stl4

## To start/online the whole resouce group

/opt/VRTS/bin/hagrp -online <service-group> -sys <destination-system>

$ /opt/VRTS/bin/hagrp -online oracle1-sg -sys sam2stl4

To Freeze / Unfreeze the cluster service

/opt/VRTS/bin/hagrp -display oracle1-sg

/opt/VRTS/bin/hagrp -freeze oracle1-sg

/opt/VRTS/bin/hagrp -unfreeze oracle1-sg

/opt/VRTS/bin/hagrp -state oracle1-sg

## Clear a Failed Resource

$ /opt/VRTS/bin/hares -online oracle1-psam1s-server -sys sam2stl4

VCS NOTICE V-16-1-52563 VCS Login:oracle

Password:

VCS WARNING V-16-1-10284 Cannot online a faulted resource:Clear the faulted resource on sam2stl4.

psam1s @ sam2stl4:/oracle/admin/psam1s/pfile

$ /opt/VRTS/bin/hares -clear oracle1-psam1s-server -sys sam2stl4

VCS NOTICE V-16-1-52563 VCS Login:oracle

Password:

you have mail in /usr/mail/oracle

psam1s @ sam2stl4:/oracle/admin/psam1s/pfile

$ /opt/VRTS/bin/hares -online oracle1-psam1s-server -sys sam2stl4

VCS NOTICE V-16-1-52563 VCS Login:oracle

Password:

psam1s @ sam2stl4:/oracle/admin/psam1s/pfile

$ /opt/VRTS/bin/hagrp -state oracle1-sg

VCS NOTICE V-16-1-52563 VCS Login:oracle

Password:

#Group Attribute System Value

oracle1-sg State sam2stl3 |OFFLINE|

oracle1-sg State sam2stl4 |ONLINE

**Sun Cluster Commands**

## Use this command to find out the status of all or a particular resource.

sesudo switch\_res status [resource\_name]

**Note:** Run the command as your individual user it, not oracle.

Sample execution:

$ **sesudo switch\_res status**

\*\*\* Resource Group Status for oracle1-rg \*\*\*

Object Resource Host Status

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

Group oracle1-rg con2ksc4 Online

Group oracle1-rg con2ksc5 Offline

Resource oracle1-pesrv1k-server con2ksc4 Online but not monitored Online - Standby Mode for Oracle Data Guard

Resource oracle1-pesrv1k-server con2ksc5 Offline Offline

Resource oracle1-ppdc1k-server con2ksc4 Online Online

Resource oracle1-ppdc1k-server con2ksc5 Offline Offline

Resource oracle1-listener con2ksc4 Online Online

Resource oracle1-listener con2ksc5 Offline Offline

Resource oracle1-precise con2ksc4 Offline Offline

Resource oracle1-precise con2ksc5 Offline Offline

Resource oracle1-ppdc1k-repl con2ksc4 Online Online

Resource oracle1-ppdc1k-repl con2ksc5 Offline Offline

Resource oracle1-pesrv1k-dgconfig con2ksc4 Online Online

Resource oracle1-pesrv1k-dgconfig con2ksc5 Offline Offline

Resource oracle1-GrdCtrl con2ksc4 Online Online

Resource oracle1-GrdCtrl con2ksc5 Offline Offline

\*\*\* Resource Group Status for oracle2-rg \*\*\*

Object Resource Host Status

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

Group oracle2-rg con2ksc5 Online

Group oracle2-rg con2ksc4 Offline

Resource oracle2-pgar1k-server con2ksc5 Online Online

Resource oracle2-pgar1k-server con2ksc4 Offline Offline

Resource oracle2-pmcm1k-server con2ksc5 Online Online

Resource oracle2-pmcm1k-server con2ksc4 Offline Offline

Resource oracle2-listener con2ksc5 Online Online

Resource oracle2-listener con2ksc4 Offline Offline

Resource oracle2-pscm2k-server con2ksc5 Online Online

Resource oracle2-pscm2k-server con2ksc4 Offline Offline

Resource oracle2-pscm2k-repl con2ksc5 Online Online

Resource oracle2-pscm2k-repl con2ksc4 Offline Offline

Resource oracle2-precise con2ksc5 Offline Offline

Resource oracle2-precise con2ksc4 Offline Offline

Resource oracle2-pgar1k-repl con2ksc5 Online Online

Resource oracle2-pgar1k-repl con2ksc4 Offline Offline

Resource oracle2-pmcm1k-repl con2ksc5 Online Online

Resource oracle2-pmcm1k-repl con2ksc4 Offline Offline

Resource oracle2-GrdCtrl con2ksc5 Online Online

Resource oracle2-GrdCtrl con2ksc4 Offline Offline

Sample execution:

$ **sesudo switch\_res status** oracle2-GrdCtrl

Resource: oracle2-GrdCtrl con2ksc5 Online Online

Resource: oracle2-GrdCtrl con2ksc4 Offline Offline

## To shutdown replication via cluster commands:

con2ksc23: SunCluster "sesudo switch\_res offline oracle1-pbos1k-repl"

## Shutdown databases via cluster commands

con2ksc23:sesudo switch\_res offline oracle1-pbos1k-server

## Startup databases via cluster commands

con2ksc23:sesudo switch\_res offline oracle1-pbos1k-server

## To start replication via cluster commands:

**con2ksc23: SunCluster "switch\_res online oracle1-pbos1k-repl"**

## To change a SunCluster Oracle Server or Listener resource's ORACLE\_HOME property without UTS intervention.

sesudo manage\_oracle\_home

Sample execution:

$ **sesudo manage\_oracle\_home**

\*\*\*\*\*\* Resource Group: oracle1-rg \*\*\*\*\*\*

Resource ORACLE\_HOME

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

oracle1-psdoldg1s-server /oracle/product/v9.2.0.6

oracle1-pmrsdg1s-server /oracle/product/v9.2.0.6

oracle1-db10g01-server /oracle/product/v10.2.0.1

oracle1-db9i01-server /oracle/product/v9.2.0.4

oracle1-test-server /oracle/product/v9.2.0.6

oracle1-listener /oracle/product/v9.2.0.6 <--- oracle1-listener is currently set to 9.2.0.6

\*\*\*\*\*\* Resource Group: oracle2-rg \*\*\*\*\*\*

Resource ORACLE\_HOME

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

oracle2-psdol2t-server /oracle/product/v9.2.0.4

oracle2-psdol1t-server /oracle/product/v9.2.0.4

oracle2-listener /oracle/product/v9.2.0.4

Enter the name of the Resource you want to modify or q to quit: > **oracle1-listener**

Enter the new value for ORACLE\_HOME or q to quit: > /oracle/product/v10.2.0.1

Ready to set ORACLE\_HOME for oracle1-listener to /oracle/product/v10.2.0.1 ? (y|q) > **y**

Changing resource property ... Change completed successfully.

Press ENTER to continue: >

\*\*\*\*\*\* Resource Group: oracle1-rg \*\*\*\*\*\*

Resource ORACLE\_HOME

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

oracle1-psdoldg1s-server /oracle/product/v9.2.0.6

oracle1-pmrsdg1s-server /oracle/product/v9.2.0.6

oracle1-db10g01-server /oracle/product/v10.2.0.1

oracle1-db9i01-server /oracle/product/v9.2.0.4

oracle1-test-server /oracle/product/v9.2.0.6

oracle1-listener /oracle/product/v10.2.0.1 <--- oracle1-listener has been changed 10.2.0.1

\*\*\*\*\*\* Resource Group: oracle2-rg \*\*\*\*\*\*

Resource ORACLE\_HOME

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

oracle2-psdol2t-server /oracle/product/v9.2.0.4

oracle2-psdol1t-server /oracle/product/v9.2.0.4

oracle2-listener /oracle/product/v9.2.0.4

Enter the name of the Resource you want to modify or q to quit: >