How to Change the Cluster Name in RAC (Requires -deconfig and (re)-config of Grid Infrastructure) (Doc ID 1967916.1)

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APPLIES TO:

Oracle Database - Enterprise Edition - Version 11.2.0.1 and later
Gen 1 Exadata Cloud at Customer (Oracle Exadata Database Cloud Machine) - Version N/A and later
Oracle Cloud Infrastructure - Database Service - Version N/A and later
Oracle Database Exadata Express Cloud Service - Version N/A and later
Oracle Database Cloud Exadata Service - Version N/A and later
Information in this document applies to any platform.

GOAL

To change or rename the cluster name of a RAC Cluster.

SOLUTION

Warning: the process will require cluster outage and delete all GI resources, review and record the setup is recommended before proceeding.

> **19c, please run as root "$GI_HOME/bin/crsrename cluster <new_clustername>" on any one node in the cluster**
> **Refer: Steps to rename the cluster name (Doc ID 2725377.1)**

Cluster Name is defined during Grid Infrastructure installation time, it is stored in gpnp profile and OLR of each nodes. It should be unique cross all clusters. The following command will show the current cluster name defined:

```
$GRID_HOME/bin/olsnodes -c
```

There is no single command to rename the cluster name. Clustername can be changed by following below steps.

1. Execute below command in all remote nodes as root user:

```
# <$GRID_HOME>/crs/install/rootcrs.pl -deconfig -force -verbose
```

2. Once the above command finishes on all remote nodes, execute the following command on local node (please ensure OCR/Voting are on a separate diskgroup than the database related files, for 11.2.0.3.2 GI PSU or higher, -keepdg option can be used, refer to [Note 1377349.1](#)):

```
# <$GRID_HOME>/crs/install/rootcrs.pl -deconfig -force -verbose -lastnode
```

3. Reconfigure and change the "Cluster name" by running $GRID_HOME/crs/config/config.sh, refer to [Note 1354258.1](#) for details

4. Run root.sh as prompted on each node to complete the configuration

5. Verify the change via:

```
$GRID_HOME/bin/olsnodes -c
```

REFERENCES

NOTE:2725377.1 - Steps to rename the cluster name

Didn't find what you are looking for?