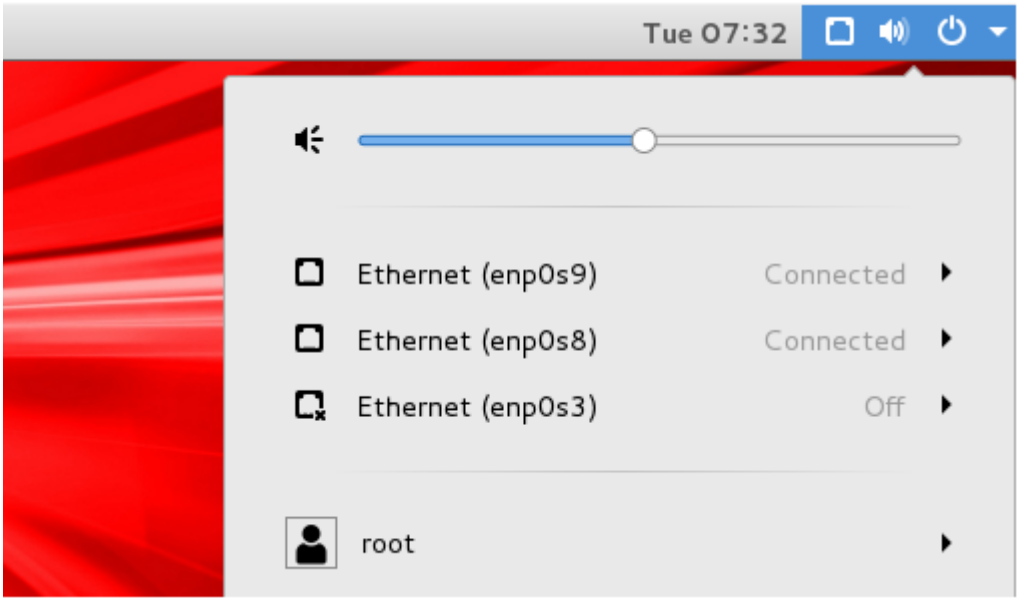
Start RAC Database

Note: Make sure to turn off enp0s3 and Connect enp0s8 and enp0s9 on both machines before proceeding:

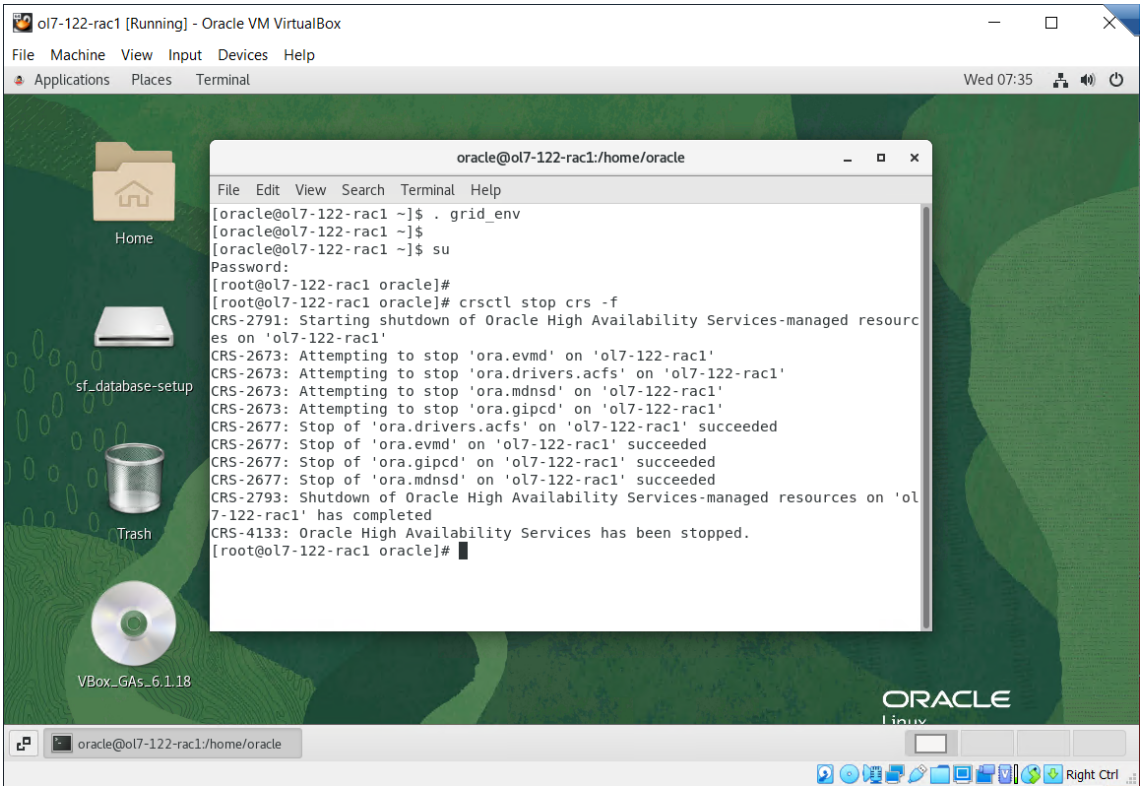


Connect to Node 1

Login as oracle user:

```
su - oracle
. grid_env
su
crsctl stop crs -f
crsctl start crs

crsctl check cluster -all
```

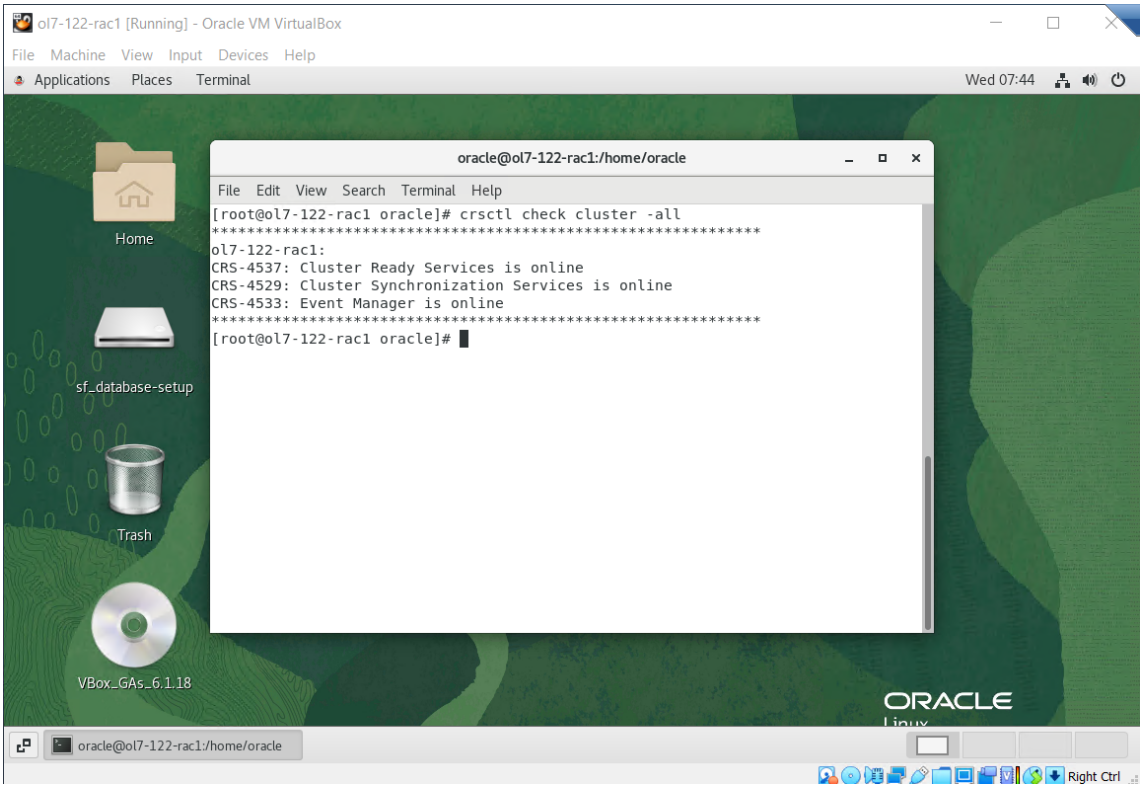


Run command:

```
crsctl check cluster -all
```

You will see "CRS-4639: Could not contact Oracle High Availability Services" or "CRS-4535: Cannot communicate with Cluster Ready Services" messages. Wait 5 minutes and then again check with "crsctl check cluster -all" command. This time Database administrator will get "CRS-4537: Cluster Ready Services is online".

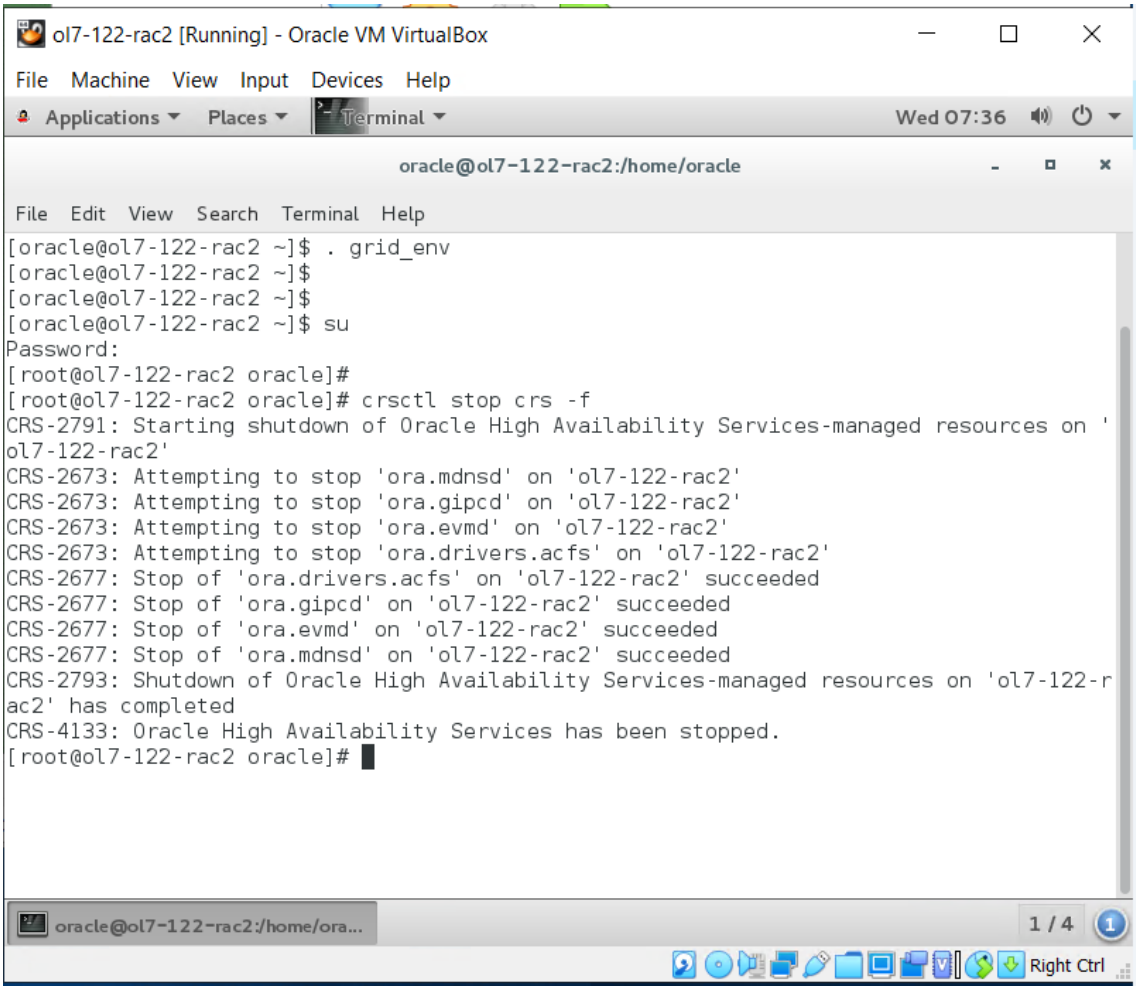
Run again after 4-5 minutes: `crsctl check cluster -all`



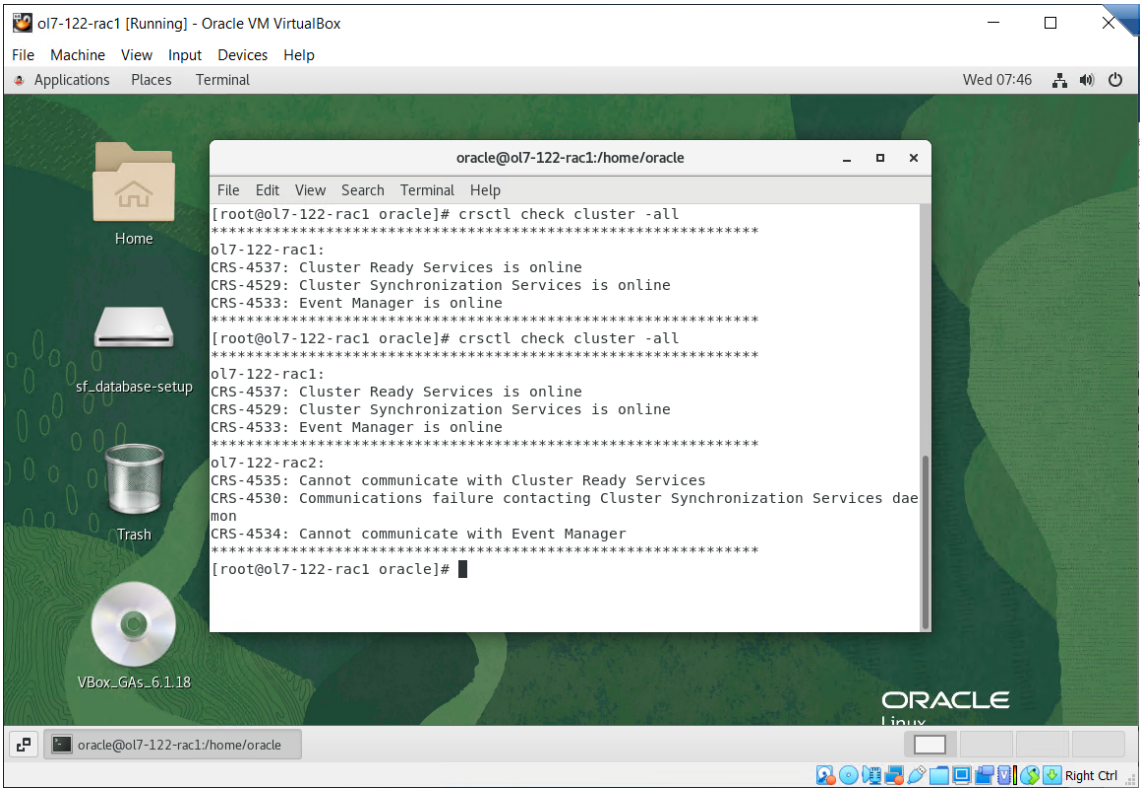
Connect to Node 2

Login as oracle user:

```
. grid_env
su
crsctl stop crs -f
crsctl start crs
```

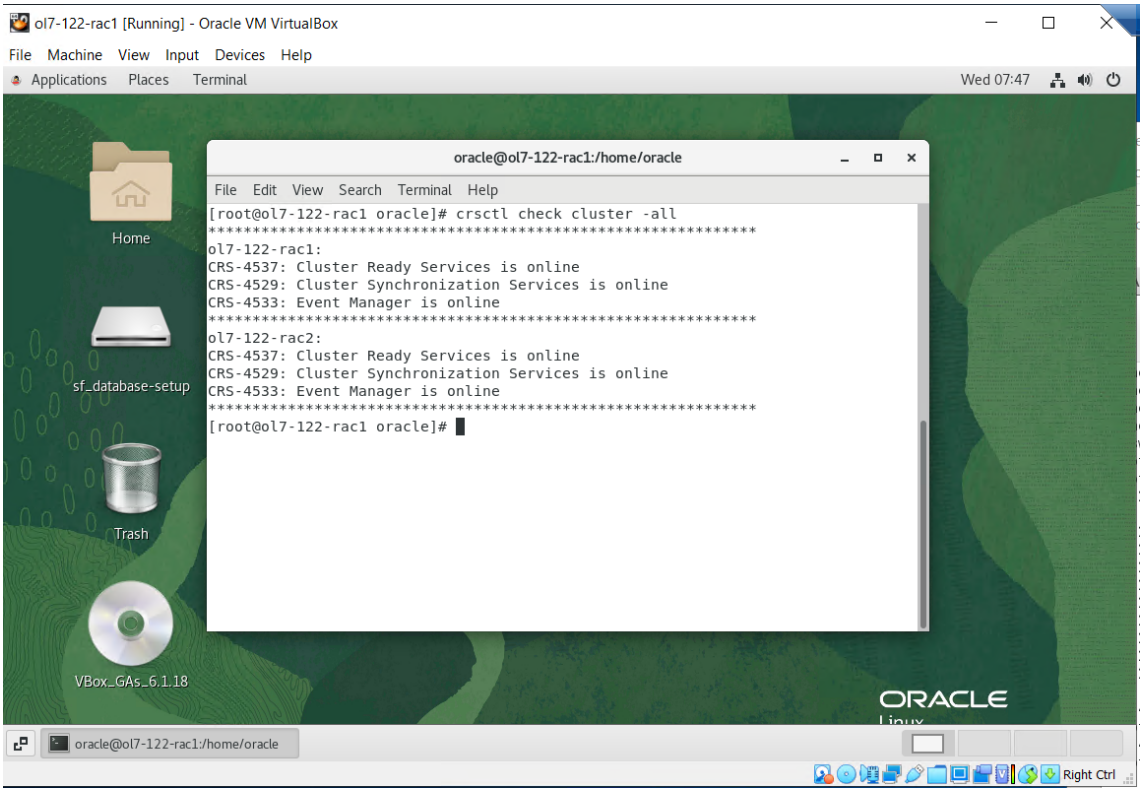


Terminal Node 1



Wait for processes to Node 2 and run following command on both nodes after few minutes:

```
# wait 4-5 minutes
crsctl check cluster -all
```



The RAC database startup is now complete.

Check the Status of the RAC

There are several ways to check the status of the RAC. The `srvctl` utility shows the current configuration and status of the RAC database.

```
$ srvctl config database -d cdbrac
Database unique name: cdbrac
Database name: cdbrac
Oracle home: /u01/app/oracle/product/12.2.0.1/db_1
Oracle user: oracle
Spfile: +DATA/CDBRAC/PARAMETERFILE/spfile.306.938083453
Password file: +DATA/CDBRAC/PASSWORD/pwdcdbrac.285.938081999
Domain:
Start options: open
Stop options: immediate
Database role: PRIMARY
Management policy: AUTOMATIC
Server pools:
Disk Groups: DATA
Mount point paths:
Services:
Type: RAC
Start concurrency:
Stop concurrency:
OSDBA group: dba
```

```
OSOPER group:
Database instances: cdbrac1,cdbrac2
Configured nodes: ol7-122-rac1,ol7-122-rac2
CSS critical: no
CPU count: 0
Memory target: 0
Maximum memory: 0
Default network number for database services:
Database is administrator managed
$

$ srvctl status database -d cdbrac
Instance cdbrac1 is running on node ol7-122-rac1
Instance cdbrac2 is running on node ol7-122-rac2
$
```

The `V$ACTIVE_INSTANCES` view can also display the current status of the instances.

```
$ . db_env
$ sqlplus / as sysdba

SQL*Plus: Release 12.2.0.1.0 Production on Wed Mar 8 11:04:42 2017

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Oracle Database 12c Enterprise Edition Release 12.2.0.1.0 - 64bit Production

SQL> SELECT inst_name FROM v$active_instances;


INST_NAME
---------------------------------------------------------------------------
ol7-122-rac1.localdomain:cdbrac1
ol7-122-rac2.localdomain:cdbrac2

SQL>
```