[oracle@rac1 grid]$ ./runcluvfy.sh stage -pre crsinst -upgrade -n rac1,rac2 -rolling -src\_crshome /u01/app/11.2.0/grid -dest\_crshome /u01/app/11.2.0.4/grid -dest\_version 11.2.0.4.0 -verbose

Performing pre-checks for cluster services setup

Checking node reachability...

Check: Node reachability from node "rac1"

 Destination Node Reachable?

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

 rac2 yes

 rac1 yes

Result: Node reachability check passed from node "rac1"

Checking user equivalence...

Check: User equivalence for user "oracle"

 Node Name Status

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

 rac2 passed

 rac1 passed

Result: User equivalence check passed for user "oracle"

Checking CRS user consistency

Result: CRS user consistency check successful

Checking node connectivity...

Checking hosts config file...

 Node Name Status

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

 rac2 passed

 rac1 passed

Verification of the hosts config file successful

Interface information for node "rac2"

 Name IP Address Subnet Gateway Def. Gateway HW Address MTU

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

 eth0 192.168.2.102 192.168.2.0 0.0.0.0 192.168.2.1 08:00:27:9C:6D:05 1500

 eth0 192.168.2.104 192.168.2.0 0.0.0.0 192.168.2.1 08:00:27:9C:6D:05 1500

 eth0 192.168.2.107 192.168.2.0 0.0.0.0 192.168.2.1 08:00:27:9C:6D:05 1500

 eth1 192.168.0.102 192.168.0.0 0.0.0.0 192.168.2.1 08:00:27:41:2A:C4 1500

 eth1 169.254.157.23 169.254.0.0 0.0.0.0 192.168.2.1 08:00:27:41:2A:C4 1500

Interface information for node "rac1"

 Name IP Address Subnet Gateway Def. Gateway HW Address MTU

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

 eth0 192.168.2.101 192.168.2.0 0.0.0.0 192.168.2.1 08:00:27:B1:FF:0A 1500

 eth0 192.168.2.106 192.168.2.0 0.0.0.0 192.168.2.1 08:00:27:B1:FF:0A 1500

 eth0 192.168.2.105 192.168.2.0 0.0.0.0 192.168.2.1 08:00:27:B1:FF:0A 1500

 eth0 192.168.2.103 192.168.2.0 0.0.0.0 192.168.2.1 08:00:27:B1:FF:0A 1500

 eth1 192.168.0.101 192.168.0.0 0.0.0.0 192.168.2.1 08:00:27:AA:85:56 1500

 eth1 169.254.40.171 169.254.0.0 0.0.0.0 192.168.2.1 08:00:27:AA:85:56 1500

Check: Node connectivity for interface "eth0"

 Source Destination Connected?

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

 rac2[192.168.2.102] rac2[192.168.2.104] yes

 rac2[192.168.2.102] rac2[192.168.2.107] yes

 rac2[192.168.2.102] rac1[192.168.2.101] yes

 rac2[192.168.2.102] rac1[192.168.2.106] yes

 rac2[192.168.2.102] rac1[192.168.2.105] yes

 rac2[192.168.2.102] rac1[192.168.2.103] yes

 rac2[192.168.2.104] rac2[192.168.2.107] yes

 rac2[192.168.2.104] rac1[192.168.2.101] yes

 rac2[192.168.2.104] rac1[192.168.2.106] yes

 rac2[192.168.2.104] rac1[192.168.2.105] yes

 rac2[192.168.2.104] rac1[192.168.2.103] yes

 rac2[192.168.2.107] rac1[192.168.2.101] yes

 rac2[192.168.2.107] rac1[192.168.2.106] yes

 rac2[192.168.2.107] rac1[192.168.2.105] yes

 rac2[192.168.2.107] rac1[192.168.2.103] yes

 rac1[192.168.2.101] rac1[192.168.2.106] yes

 rac1[192.168.2.101] rac1[192.168.2.105] yes

 rac1[192.168.2.101] rac1[192.168.2.103] yes

 rac1[192.168.2.106] rac1[192.168.2.105] yes

 rac1[192.168.2.106] rac1[192.168.2.103] yes

 rac1[192.168.2.105] rac1[192.168.2.103] yes

Result: Node connectivity passed for interface "eth0"

Check: TCP connectivity of subnet "192.168.2.0"

 Source Destination Connected?

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

 rac1:192.168.2.101 rac2:192.168.2.102 passed

 rac1:192.168.2.101 rac2:192.168.2.104 passed

 rac1:192.168.2.101 rac2:192.168.2.107 passed

 rac1:192.168.2.101 rac1:192.168.2.106 passed

 rac1:192.168.2.101 rac1:192.168.2.105 passed

 rac1:192.168.2.101 rac1:192.168.2.103 passed

Result: TCP connectivity check passed for subnet "192.168.2.0"

Check: Node connectivity for interface "eth1"

 Source Destination Connected?

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

 rac2[192.168.0.102] rac1[192.168.0.101] yes

Result: Node connectivity passed for interface "eth1"

Check: TCP connectivity of subnet "192.168.0.0"

 Source Destination Connected?

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

 rac1:192.168.0.101 rac2:192.168.0.102 passed

Result: TCP connectivity check passed for subnet "192.168.0.0"

Checking subnet mask consistency...

Subnet mask consistency check passed for subnet "192.168.2.0".

Subnet mask consistency check passed for subnet "192.168.0.0".

Subnet mask consistency check passed.

Result: Node connectivity check passed

Checking multicast communication...

Checking subnet "192.168.2.0" for multicast communication with multicast group "230.0.1.0"...

Check of subnet "192.168.2.0" for multicast communication with multicast group "230.0.1.0" passed.

Checking subnet "192.168.0.0" for multicast communication with multicast group "230.0.1.0"...

Check of subnet "192.168.0.0" for multicast communication with multicast group "230.0.1.0" passed.

Check of multicast communication passed.

Checking OCR integrity...

OCR integrity check passed

Checking ASMLib configuration.

 Node Name Status

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

 rac2 passed

 rac1 passed

Result: Check for ASMLib configuration passed.

Check: Total memory

 Node Name Available Required Status

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

 rac2 2.942GB (3084864.0KB) 1.5GB (1572864.0KB) passed

 rac1 2.942GB (3084864.0KB) 1.5GB (1572864.0KB) passed

Result: Total memory check passed

Check: Available memory

 Node Name Available Required Status

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

 rac2 2.1928GB (2299328.0KB) 50MB (51200.0KB) passed

 rac1 1.9308GB (2024580.0KB) 50MB (51200.0KB) passed

Result: Available memory check passed

Check: Swap space

 Node Name Available Required Status

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

 rac2 5.5385GB (5807488.0KB) 2.942GB (3084864.0KB) passed

 rac1 5.5385GB (5807488.0KB) 2.942GB (3084864.0KB) passed

Result: Swap space check passed

Check: Free disk space for "rac2:/u01/app/11.2.0.4/grid"

 Path Node Name Mount point Available Required Status

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

 /u01/app/11.2.0.4/grid rac2 /u01 29.833GB 5.5GB passed

Result: Free disk space check passed for "rac2:/u01/app/11.2.0.4/grid"

Check: Free disk space for "rac1:/u01/app/11.2.0.4/grid"

 Path Node Name Mount point Available Required Status

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

 /u01/app/11.2.0.4/grid rac1 /u01 28.4668GB 5.5GB passed

Result: Free disk space check passed for "rac1:/u01/app/11.2.0.4/grid"

Check: Free disk space for "rac2:/tmp"

 Path Node Name Mount point Available Required Status

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

 /tmp rac2 / 5.5176GB 1GB passed

Result: Free disk space check passed for "rac2:/tmp"

Check: Free disk space for "rac1:/tmp"

 Path Node Name Mount point Available Required Status

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

 /tmp rac1 / 5.9735GB 1GB passed

Result: Free disk space check passed for "rac1:/tmp"

Check: User existence for "oracle"

 Node Name Status Comment

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

 rac2 passed exists(1100)

 rac1 passed exists(1100)

Checking for multiple users with UID value 1100

Result: Check for multiple users with UID value 1100 passed

Result: User existence check passed for "oracle"

Check: Group existence for "oinstall"

 Node Name Status Comment

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

 rac2 passed exists

 rac1 passed exists

Result: Group existence check passed for "oinstall"

Check: Membership of user "oracle" in group "oinstall" [as Primary]

 Node Name User Exists Group Exists User in Group Primary Status

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

 rac2 yes yes yes yes passed

 rac1 yes yes yes yes passed

Result: Membership check for user "oracle" in group "oinstall" [as Primary] passed

Check: Run level

 Node Name run level Required Status

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

 rac2 5 3,5 passed

 rac1 5 3,5 passed

Result: Run level check passed

Check: Hard limits for "maximum open file descriptors"

 Node Name Type Available Required Status

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

 rac2 hard 65536 65536 passed

 rac1 hard 65536 65536 passed

Result: Hard limits check passed for "maximum open file descriptors"

Check: Soft limits for "maximum open file descriptors"

 Node Name Type Available Required Status

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

 rac2 soft 1024 1024 passed

 rac1 soft 1024 1024 passed

Result: Soft limits check passed for "maximum open file descriptors"

Check: Hard limits for "maximum user processes"

 Node Name Type Available Required Status

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

 rac2 hard 16384 16384 passed

 rac1 hard 16384 16384 passed

Result: Hard limits check passed for "maximum user processes"

Check: Soft limits for "maximum user processes"

 Node Name Type Available Required Status

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

 rac2 soft 2047 2047 passed

 rac1 soft 2047 2047 passed

Result: Soft limits check passed for "maximum user processes"

There are no oracle patches required for home "/u01/app/11.2.0/grid".

There are no oracle patches required for home "/u01/app/11.2.0.4/grid".

Check: System architecture

 Node Name Available Required Status

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

 rac2 x86\_64 x86\_64 passed

 rac1 x86\_64 x86\_64 passed

Result: System architecture check passed

Check: Kernel version

 Node Name Available Required Status

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

 rac2 2.6.32-200.13.1.el5uek 2.6.18 passed

 rac1 2.6.32-200.13.1.el5uek 2.6.18 passed

Result: Kernel version check passed

Check: Kernel parameter for "semmsl"

 Node Name Current Configured Required Status Comment

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

 rac2 250 250 250 passed

 rac1 250 250 250 passed

Result: Kernel parameter check passed for "semmsl"

Check: Kernel parameter for "semmns"

 Node Name Current Configured Required Status Comment

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

 rac2 32000 32000 32000 passed

 rac1 32000 32000 32000 passed

Result: Kernel parameter check passed for "semmns"

Check: Kernel parameter for "semopm"

 Node Name Current Configured Required Status Comment

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

 rac2 100 100 100 passed

 rac1 100 100 100 passed

Result: Kernel parameter check passed for "semopm"

Check: Kernel parameter for "semmni"

 Node Name Current Configured Required Status Comment

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

 rac2 128 128 128 passed

 rac1 128 128 128 passed

Result: Kernel parameter check passed for "semmni"

Check: Kernel parameter for "shmmax"

 Node Name Current Configured Required Status Comment

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

 rac2 1054504960 1054504960 1579450368 failed Current value incorrect. Configured value incorrect.

 rac1 1054504960 1054504960 1579450368 failed Current value incorrect. Configured value incorrect.

Result: Kernel parameter check failed for "shmmax"

Check: Kernel parameter for "shmmni"

 Node Name Current Configured Required Status Comment

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

 rac2 4096 4096 4096 passed

 rac1 4096 4096 4096 passed

Result: Kernel parameter check passed for "shmmni"

Check: Kernel parameter for "shmall"

 Node Name Current Configured Required Status Comment

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

 rac2 2097152 2097152 2097152 passed

 rac1 2097152 2097152 2097152 passed

Result: Kernel parameter check passed for "shmall"

Check: Kernel parameter for "file-max"

 Node Name Current Configured Required Status Comment

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

 rac2 6815744 6815744 6815744 passed

 rac1 6815744 6815744 6815744 passed

Result: Kernel parameter check passed for "file-max"

Check: Kernel parameter for "ip\_local\_port\_range"

 Node Name Current Configured Required Status Comment

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

 rac2 between 9000.0 & 65500.0 between 9000.0 & 65500.0 between 9000.0 & 65500.0 passed

 rac1 between 9000.0 & 65500.0 between 9000.0 & 65500.0 between 9000.0 & 65500.0 passed

Result: Kernel parameter check passed for "ip\_local\_port\_range"

Check: Kernel parameter for "rmem\_default"

 Node Name Current Configured Required Status Comment

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

 rac2 262144 262144 262144 passed

 rac1 262144 262144 262144 passed

Result: Kernel parameter check passed for "rmem\_default"

Check: Kernel parameter for "rmem\_max"

 Node Name Current Configured Required Status Comment

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

 rac2 4194304 4194304 4194304 passed

 rac1 4194304 4194304 4194304 passed

Result: Kernel parameter check passed for "rmem\_max"

Check: Kernel parameter for "wmem\_default"

 Node Name Current Configured Required Status Comment

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

 rac2 262144 262144 262144 passed

 rac1 262144 262144 262144 passed

Result: Kernel parameter check passed for "wmem\_default"

Check: Kernel parameter for "wmem\_max"

 Node Name Current Configured Required Status Comment

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

 rac2 1048586 1048586 1048576 passed

 rac1 1048586 1048586 1048576 passed

Result: Kernel parameter check passed for "wmem\_max"

Check: Kernel parameter for "aio-max-nr"

 Node Name Current Configured Required Status Comment

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

 rac2 1048576 1048576 1048576 passed

 rac1 1048576 1048576 1048576 passed

Result: Kernel parameter check passed for "aio-max-nr"

Check: Package existence for "make"

 Node Name Available Required Status

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

 rac2 make-3.81-3.el5 make-3.81 passed

 rac1 make-3.81-3.el5 make-3.81 passed

Result: Package existence check passed for "make"

Check: Package existence for "binutils"

 Node Name Available Required Status

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

 rac2 binutils-2.17.50.0.6-14.el5 binutils-2.17.50.0.6 passed

 rac1 binutils-2.17.50.0.6-14.el5 binutils-2.17.50.0.6 passed

Result: Package existence check passed for "binutils"

Check: Package existence for "gcc(x86\_64)"

 Node Name Available Required Status

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

 rac2 gcc(x86\_64)-4.1.2-51.el5 gcc(x86\_64)-4.1.2 passed

 rac1 gcc(x86\_64)-4.1.2-51.el5 gcc(x86\_64)-4.1.2 passed

Result: Package existence check passed for "gcc(x86\_64)"

Check: Package existence for "libaio(x86\_64)"

 Node Name Available Required Status

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

 rac2 libaio(x86\_64)-0.3.106-5 libaio(x86\_64)-0.3.106 passed

 rac1 libaio(x86\_64)-0.3.106-5 libaio(x86\_64)-0.3.106 passed

Result: Package existence check passed for "libaio(x86\_64)"

Check: Package existence for "glibc(x86\_64)"

 Node Name Available Required Status

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

 rac2 glibc(x86\_64)-2.5-65 glibc(x86\_64)-2.5-24 passed

 rac1 glibc(x86\_64)-2.5-65 glibc(x86\_64)-2.5-24 passed

Result: Package existence check passed for "glibc(x86\_64)"

Check: Package existence for "compat-libstdc++-33(x86\_64)"

 Node Name Available Required Status

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

 rac2 compat-libstdc++-33(x86\_64)-3.2.3-61 compat-libstdc++-33(x86\_64)-3.2.3 passed

 rac1 compat-libstdc++-33(x86\_64)-3.2.3-61 compat-libstdc++-33(x86\_64)-3.2.3 passed

Result: Package existence check passed for "compat-libstdc++-33(x86\_64)"

Check: Package existence for "elfutils-libelf(x86\_64)"

 Node Name Available Required Status

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

 rac2 elfutils-libelf(x86\_64)-0.137-3.el5 elfutils-libelf(x86\_64)-0.125 passed

 rac1 elfutils-libelf(x86\_64)-0.137-3.el5 elfutils-libelf(x86\_64)-0.125 passed

Result: Package existence check passed for "elfutils-libelf(x86\_64)"

Check: Package existence for "elfutils-libelf-devel"

 Node Name Available Required Status

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

 rac2 elfutils-libelf-devel-0.137-3.el5 elfutils-libelf-devel-0.125 passed

 rac1 elfutils-libelf-devel-0.137-3.el5 elfutils-libelf-devel-0.125 passed

Result: Package existence check passed for "elfutils-libelf-devel"

Check: Package existence for "glibc-common"

 Node Name Available Required Status

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

 rac2 glibc-common-2.5-65 glibc-common-2.5 passed

 rac1 glibc-common-2.5-65 glibc-common-2.5 passed

Result: Package existence check passed for "glibc-common"

Check: Package existence for "glibc-devel(x86\_64)"

 Node Name Available Required Status

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

 rac2 glibc-devel(x86\_64)-2.5-65 glibc-devel(x86\_64)-2.5 passed

 rac1 glibc-devel(x86\_64)-2.5-65 glibc-devel(x86\_64)-2.5 passed

Result: Package existence check passed for "glibc-devel(x86\_64)"

Check: Package existence for "glibc-headers"

 Node Name Available Required Status

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

 rac2 glibc-headers-2.5-65 glibc-headers-2.5 passed

 rac1 glibc-headers-2.5-65 glibc-headers-2.5 passed

Result: Package existence check passed for "glibc-headers"

Check: Package existence for "gcc-c++(x86\_64)"

 Node Name Available Required Status

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

 rac2 gcc-c++(x86\_64)-4.1.2-51.el5 gcc-c++(x86\_64)-4.1.2 passed

 rac1 gcc-c++(x86\_64)-4.1.2-51.el5 gcc-c++(x86\_64)-4.1.2 passed

Result: Package existence check passed for "gcc-c++(x86\_64)"

Check: Package existence for "libaio-devel(x86\_64)"

 Node Name Available Required Status

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

 rac2 libaio-devel(x86\_64)-0.3.106-5 libaio-devel(x86\_64)-0.3.106 passed

 rac1 libaio-devel(x86\_64)-0.3.106-5 libaio-devel(x86\_64)-0.3.106 passed

Result: Package existence check passed for "libaio-devel(x86\_64)"

Check: Package existence for "libgcc(x86\_64)"

 Node Name Available Required Status

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

 rac2 libgcc(x86\_64)-4.1.2-51.el5 libgcc(x86\_64)-4.1.2 passed

 rac1 libgcc(x86\_64)-4.1.2-51.el5 libgcc(x86\_64)-4.1.2 passed

Result: Package existence check passed for "libgcc(x86\_64)"

Check: Package existence for "libstdc++(x86\_64)"

 Node Name Available Required Status

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

 rac2 libstdc++(x86\_64)-4.1.2-51.el5 libstdc++(x86\_64)-4.1.2 passed

 rac1 libstdc++(x86\_64)-4.1.2-51.el5 libstdc++(x86\_64)-4.1.2 passed

Result: Package existence check passed for "libstdc++(x86\_64)"

Check: Package existence for "libstdc++-devel(x86\_64)"

 Node Name Available Required Status

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

 rac2 libstdc++-devel(x86\_64)-4.1.2-51.el5 libstdc++-devel(x86\_64)-4.1.2 passed

 rac1 libstdc++-devel(x86\_64)-4.1.2-51.el5 libstdc++-devel(x86\_64)-4.1.2 passed

Result: Package existence check passed for "libstdc++-devel(x86\_64)"

Check: Package existence for "sysstat"

 Node Name Available Required Status

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

 rac2 sysstat-7.0.2-11.el5 sysstat-7.0.2 passed

 rac1 sysstat-7.0.2-11.el5 sysstat-7.0.2 passed

Result: Package existence check passed for "sysstat"

Check: Package existence for "ksh"

 Node Name Available Required Status

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

 rac2 ksh-20100202-1.el5\_6.6 ksh-20060214 passed

 rac1 ksh-20100202-1.el5\_6.6 ksh-20060214 passed

Result: Package existence check passed for "ksh"

Checking for multiple users with UID value 0

Result: Check for multiple users with UID value 0 passed

Check: Current group ID

Result: Current group ID check passed

Starting check for consistency of primary group of root user

 Node Name Status

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

 rac2 passed

 rac1 passed

Check for consistency of root user's primary group passed

Check: Package existence for "cvuqdisk"

 Node Name Available Required Status

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

 rac2 cvuqdisk-1.0.9-1 cvuqdisk-1.0.9-1 passed

 rac1 cvuqdisk-1.0.9-1 cvuqdisk-1.0.9-1 passed

Result: Package existence check passed for "cvuqdisk"

Starting Clock synchronization checks using Network Time Protocol(NTP)...

NTP Configuration file check started...

Network Time Protocol(NTP) configuration file not found on any of the nodes. Oracle Cluster Time Synchronization Service(CTSS) can be used instead of NTP for time synchronization on the cluster nodes

No NTP Daemons or Services were found to be running

Result: Clock synchronization check using Network Time Protocol(NTP) passed

Checking Core file name pattern consistency...

Core file name pattern consistency check passed.

Checking to make sure user "oracle" is not in "root" group

 Node Name Status Comment

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

 rac2 passed does not exist

 rac1 passed does not exist

Result: User "oracle" is not part of "root" group. Check passed

Check default user file creation mask

 Node Name Available Required Comment

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

 rac2 0022 0022 passed

 rac1 0022 0022 passed

Result: Default user file creation mask check passed

Checking consistency of file "/etc/resolv.conf" across nodes

Checking the file "/etc/resolv.conf" to make sure only one of domain and search entries is defined

File "/etc/resolv.conf" does not have both domain and search entries defined

Checking if domain entry in file "/etc/resolv.conf" is consistent across the nodes...

domain entry in file "/etc/resolv.conf" is consistent across nodes

Checking if search entry in file "/etc/resolv.conf" is consistent across the nodes...

search entry in file "/etc/resolv.conf" is consistent across nodes

Checking file "/etc/resolv.conf" to make sure that only one search entry is defined

All nodes have one search entry defined in file "/etc/resolv.conf"

Checking all nodes to make sure that search entry is "rajasekhar.com" as found on node "rac2"

All nodes of the cluster have same value for 'search'

Checking DNS response time for an unreachable node

 Node Name Status

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

 rac2 failed

 rac1 failed

PRVF-5636 : The DNS response time for an unreachable node exceeded "15000" ms on following nodes: rac2,rac1

File "/etc/resolv.conf" is not consistent across nodes

UDev attributes check for OCR locations started...

Result: UDev attributes check passed for OCR locations

UDev attributes check for Voting Disk locations started...

Result: UDev attributes check passed for Voting Disk locations

Check: Time zone consistency

Result: Time zone consistency check passed

Checking VIP configuration.

Checking VIP Subnet configuration.

Check for VIP Subnet configuration passed.

Checking VIP reachability

Check for VIP reachability passed.

Checking Oracle Cluster Voting Disk configuration...

ASM Running check passed. ASM is running on all specified nodes

Oracle Cluster Voting Disk configuration check passed

Clusterware version consistency passed

Pre-check for cluster services setup was unsuccessful on all the nodes.

[oracle@rac1 grid]$

[oracle@rac1 grid]$ ./runInstaller

Starting Oracle Universal Installer...

Checking Temp space: must be greater than 120 MB. Actual 5853 MB Passed

Checking swap space: must be greater than 150 MB. Actual 5671 MB Passed

Checking monitor: must be configured to display at least 256 colors. Actual 16777216 Passed

Preparing to launch Oracle Universal Installer from /tmp/OraInstall2015-12-17\_08-26-58PM. Please wait ...

























[root@rac1 ~]# /u01/app/11.2.0.4/grid/rootupgrade.sh

Performing root user operation for Oracle 11g

The following environment variables are set as:

 ORACLE\_OWNER= oracle

 ORACLE\_HOME= /u01/app/11.2.0.4/grid

Enter the full pathname of the local bin directory: [/usr/local/bin]:

The contents of "dbhome" have not changed. No need to overwrite.

The contents of "oraenv" have not changed. No need to overwrite.

The contents of "coraenv" have not changed. No need to overwrite.

Entries will be added to the /etc/oratab file as needed by

Database Configuration Assistant when a database is created

Finished running generic part of root script.

Now product-specific root actions will be performed.

Using configuration parameter file: /u01/app/11.2.0.4/grid/crs/install/crsconfig\_params

Creating trace directory

User ignored Prerequisites during installation

Installing Trace File Analyzer

ASM upgrade has started on first node.

CRS-2791: Starting shutdown of Oracle High Availability Services-managed resources on 'rac1'

CRS-2673: Attempting to stop 'ora.crsd' on 'rac1'

CRS-2790: Starting shutdown of Cluster Ready Services-managed resources on 'rac1'

CRS-2673: Attempting to stop 'ora.scan3.vip' on 'rac1'

CRS-2673: Attempting to stop 'ora.oc4j' on 'rac1'

CRS-2673: Attempting to stop 'ora.LISTENER.lsnr' on 'rac1'

CRS-2673: Attempting to stop 'ora.scan2.vip' on 'rac1'

CRS-2673: Attempting to stop 'ora.OCR.dg' on 'rac1'

CRS-2673: Attempting to stop 'ora.cvu' on 'rac1'

CRS-2677: Stop of 'ora.scan3.vip' on 'rac1' succeeded

CRS-2672: Attempting to start 'ora.scan3.vip' on 'rac2'

CRS-2677: Stop of 'ora.scan2.vip' on 'rac1' succeeded

CRS-2672: Attempting to start 'ora.scan2.vip' on 'rac2'

CRS-2676: Start of 'ora.scan3.vip' on 'rac2' succeeded

CRS-2676: Start of 'ora.scan2.vip' on 'rac2' succeeded

CRS-2677: Stop of 'ora.LISTENER.lsnr' on 'rac1' succeeded

CRS-2673: Attempting to stop 'ora.rac1.vip' on 'rac1'

CRS-2677: Stop of 'ora.rac1.vip' on 'rac1' succeeded

CRS-2672: Attempting to start 'ora.rac1.vip' on 'rac2'

CRS-2676: Start of 'ora.rac1.vip' on 'rac2' succeeded

CRS-2677: Stop of 'ora.oc4j' on 'rac1' succeeded

CRS-2672: Attempting to start 'ora.oc4j' on 'rac2'

CRS-2677: Stop of 'ora.cvu' on 'rac1' succeeded

CRS-2672: Attempting to start 'ora.cvu' on 'rac2'

CRS-2676: Start of 'ora.cvu' on 'rac2' succeeded

CRS-2676: Start of 'ora.oc4j' on 'rac2' succeeded

CRS-2677: Stop of 'ora.OCR.dg' on 'rac1' succeeded

CRS-2673: Attempting to stop 'ora.asm' on 'rac1'

CRS-2677: Stop of 'ora.asm' on 'rac1' succeeded

CRS-2673: Attempting to stop 'ora.ons' on 'rac1'

CRS-2677: Stop of 'ora.ons' on 'rac1' succeeded

CRS-2673: Attempting to stop 'ora.net1.network' on 'rac1'

CRS-2677: Stop of 'ora.net1.network' on 'rac1' succeeded

CRS-2792: Shutdown of Cluster Ready Services-managed resources on 'rac1' has completed

CRS-2677: Stop of 'ora.crsd' on 'rac1' succeeded

CRS-2673: Attempting to stop 'ora.crf' on 'rac1'

CRS-2673: Attempting to stop 'ora.ctssd' on 'rac1'

CRS-2673: Attempting to stop 'ora.evmd' on 'rac1'

CRS-2673: Attempting to stop 'ora.asm' on 'rac1'

CRS-2673: Attempting to stop 'ora.mdnsd' on 'rac1'

CRS-2677: Stop of 'ora.crf' on 'rac1' succeeded

CRS-2677: Stop of 'ora.mdnsd' on 'rac1' succeeded

CRS-2677: Stop of 'ora.evmd' on 'rac1' succeeded

CRS-2677: Stop of 'ora.ctssd' on 'rac1' succeeded

CRS-2677: Stop of 'ora.asm' on 'rac1' succeeded

CRS-2673: Attempting to stop 'ora.cluster\_interconnect.haip' on 'rac1'

CRS-2677: Stop of 'ora.cluster\_interconnect.haip' on 'rac1' succeeded

CRS-2673: Attempting to stop 'ora.cssd' on 'rac1'

CRS-2677: Stop of 'ora.cssd' on 'rac1' succeeded

CRS-2673: Attempting to stop 'ora.gipcd' on 'rac1'

CRS-2677: Stop of 'ora.gipcd' on 'rac1' succeeded

CRS-2673: Attempting to stop 'ora.gpnpd' on 'rac1'

CRS-2677: Stop of 'ora.gpnpd' on 'rac1' succeeded

CRS-2793: Shutdown of Oracle High Availability Services-managed resources on 'rac1' has completed

CRS-4133: Oracle High Availability Services has been stopped.

OLR initialization - successful

Replacing Clusterware entries in inittab

clscfg: EXISTING configuration version 5 detected.

clscfg: version 5 is 11g Release 2.

Successfully accumulated necessary OCR keys.

Creating OCR keys for user 'root', privgrp 'root'..

Operation successful.

Configure Oracle Grid Infrastructure for a Cluster ... succeeded

[root@rac1 ~]#

[root@rac2 ~]# /u01/app/11.2.0.4/grid/rootupgrade.sh

Performing root user operation for Oracle 11g

The following environment variables are set as:

 ORACLE\_OWNER= oracle

 ORACLE\_HOME= /u01/app/11.2.0.4/grid

Enter the full pathname of the local bin directory: [/usr/local/bin]:

The contents of "dbhome" have not changed. No need to overwrite.

The contents of "oraenv" have not changed. No need to overwrite.

The contents of "coraenv" have not changed. No need to overwrite.

Entries will be added to the /etc/oratab file as needed by

Database Configuration Assistant when a database is created

Finished running generic part of root script.

Now product-specific root actions will be performed.

Using configuration parameter file: /u01/app/11.2.0.4/grid/crs/install/crsconfig \_params

Creating trace directory

User ignored Prerequisites during installation

Installing Trace File Analyzer

CRS-2791: Starting shutdown of Oracle High Availability Services-managed resources on 'rac2'

CRS-2673: Attempting to stop 'ora.crsd' on 'rac2'

CRS-2790: Starting shutdown of Cluster Ready Services-managed resources on 'rac2'

CRS-2673: Attempting to stop 'ora.OCR.dg' on 'rac2'

CRS-2673: Attempting to stop 'ora.scan3.vip' on 'rac2'

CRS-2673: Attempting to stop 'ora.scan2.vip' on 'rac2'

CRS-2673: Attempting to stop 'ora.cvu' on 'rac2'

CRS-2673: Attempting to stop 'ora.LISTENER.lsnr' on 'rac2'

CRS-2677: Stop of 'ora.scan3.vip' on 'rac2' succeeded

CRS-2672: Attempting to start 'ora.scan3.vip' on 'rac1'

CRS-2677: Stop of 'ora.scan2.vip' on 'rac2' succeeded

CRS-2672: Attempting to start 'ora.scan2.vip' on 'rac1'

CRS-2677: Stop of 'ora.cvu' on 'rac2' succeeded

CRS-2672: Attempting to start 'ora.cvu' on 'rac1'

CRS-2677: Stop of 'ora.LISTENER.lsnr' on 'rac2' succeeded

CRS-2673: Attempting to stop 'ora.rac2.vip' on 'rac2'

CRS-2677: Stop of 'ora.rac2.vip' on 'rac2' succeeded

CRS-2672: Attempting to start 'ora.rac2.vip' on 'rac1'

CRS-2676: Start of 'ora.cvu' on 'rac1' succeeded

CRS-2676: Start of 'ora.scan3.vip' on 'rac1' succeeded

CRS-2676: Start of 'ora.scan2.vip' on 'rac1' succeeded

CRS-2676: Start of 'ora.rac2.vip' on 'rac1' succeeded

CRS-2677: Stop of 'ora.OCR.dg' on 'rac2' succeeded

CRS-2673: Attempting to stop 'ora.asm' on 'rac2'

CRS-2677: Stop of 'ora.asm' on 'rac2' succeeded

CRS-2673: Attempting to stop 'ora.ons' on 'rac2'

CRS-2677: Stop of 'ora.ons' on 'rac2' succeeded

CRS-2673: Attempting to stop 'ora.net1.network' on 'rac2'

CRS-2677: Stop of 'ora.net1.network' on 'rac2' succeeded

CRS-2792: Shutdown of Cluster Ready Services-managed resources on 'rac2' has completed

CRS-2677: Stop of 'ora.crsd' on 'rac2' succeeded

CRS-2673: Attempting to stop 'ora.mdnsd' on 'rac2'

CRS-2673: Attempting to stop 'ora.ctssd' on 'rac2'

CRS-2673: Attempting to stop 'ora.evmd' on 'rac2'

CRS-2673: Attempting to stop 'ora.asm' on 'rac2'

CRS-2677: Stop of 'ora.evmd' on 'rac2' succeeded

CRS-2677: Stop of 'ora.ctssd' on 'rac2' succeeded

CRS-2677: Stop of 'ora.mdnsd' on 'rac2' succeeded

CRS-2677: Stop of 'ora.asm' on 'rac2' succeeded

CRS-2673: Attempting to stop 'ora.cluster\_interconnect.haip' on 'rac2'

CRS-2677: Stop of 'ora.cluster\_interconnect.haip' on 'rac2' succeeded

CRS-2673: Attempting to stop 'ora.cssd' on 'rac2'

CRS-2677: Stop of 'ora.cssd' on 'rac2' succeeded

CRS-2673: Attempting to stop 'ora.crf' on 'rac2'

CRS-2677: Stop of 'ora.crf' on 'rac2' succeeded

CRS-2673: Attempting to stop 'ora.gipcd' on 'rac2'

CRS-2677: Stop of 'ora.gipcd' on 'rac2' succeeded

CRS-2673: Attempting to stop 'ora.gpnpd' on 'rac2'

CRS-2677: Stop of 'ora.gpnpd' on 'rac2' succeeded

CRS-2793: Shutdown of Oracle High Availability Services-managed resources on 'rac2' has completed

CRS-4133: Oracle High Availability Services has been stopped.

OLR initialization - successful

Replacing Clusterware entries in inittab

clscfg: EXISTING configuration version 5 detected.

clscfg: version 5 is 11g Release 2.

Successfully accumulated necessary OCR keys.

Creating OCR keys for user 'root', privgrp 'root'..

Operation successful.

Started to upgrade the Oracle Clusterware. This operation may take a few minutes.

Started to upgrade the CSS.

Started to upgrade the CRS.

The CRS was successfully upgraded.

Successfully upgraded the Oracle Clusterware.

Oracle Clusterware operating version was successfully set to 11.2.0.4.0

ASM upgrade has finished on last node.

Configure Oracle Grid Infrastructure for a Cluster ... succeeded

[root@rac2 ~]#







[root@rac1 ~]# crsctl query crs activeversion

Oracle Clusterware active version on the cluster is [11.2.0.4.0]

[root@rac1 ~]# crsctl query crs softwareversion

Oracle Clusterware version on node [rac1] is [11.2.0.4.0]

[root@rac1 ~]#

[root@rac2 ~]# crsctl query crs softwareversion

Oracle Clusterware version on node [rac2] is [11.2.0.4.0]

[root@rac2 ~]#

[root@rac1 ~]# crsctl check cluster -all

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rac1:

CRS-4537: Cluster Ready Services is online

CRS-4529: Cluster Synchronization Services is online

CRS-4533: Event Manager is online

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rac2:

CRS-4537: Cluster Ready Services is online

CRS-4529: Cluster Synchronization Services is online

CRS-4533: Event Manager is online

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[root@rac1 ~]#

[root@rac1 ~]# crsctl stat res -t

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NAME TARGET STATE SERVER STATE\_DETAILS

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Local Resources

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ora.LISTENER.lsnr

 ONLINE ONLINE rac1

 ONLINE ONLINE rac2

ora.OCR.dg

 ONLINE ONLINE rac1

 ONLINE ONLINE rac2

ora.asm

 ONLINE ONLINE rac1 Started

 ONLINE ONLINE rac2 Started

ora.gsd

 OFFLINE OFFLINE rac1

 OFFLINE OFFLINE rac2

ora.net1.network

 ONLINE ONLINE rac1

 ONLINE ONLINE rac2

ora.ons

 ONLINE ONLINE rac1

 ONLINE ONLINE rac2

ora.registry.acfs

 ONLINE ONLINE rac1

 ONLINE ONLINE rac2

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Cluster Resources

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ora.LISTENER\_SCAN1.lsnr

 1 ONLINE ONLINE rac2

ora.cvu

 1 ONLINE ONLINE rac1

ora.oc4j

 1 ONLINE ONLINE rac2

ora.rac1.vip

 1 ONLINE ONLINE rac1

ora.rac2.vip

 1 ONLINE ONLINE rac2

ora.scan1.vip

 1 ONLINE ONLINE rac2

ora.scan2.vip

 1 ONLINE ONLINE rac1

ora.scan3.vip

 1 ONLINE ONLINE rac1

[root@rac1 ~]#