Documentação da instalação ambiente RAC da AlphaVille.

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Servidores:

Servidores: brspdtc0017c e brspdtc0018c

Senhas dos usuários de S.O.:

ORACLE : oracle
GRID: oracle
Recomendamos a troca destas senhas.

Detalhes dos bancos criados no ambiente RAC

Senha dos usuários de administração dos bancos

SOA: ytresoa
ORAAUTOM: ytreauto

Localização dos *archives:*

+flash

TNSNAMES dos bancos

```
# tnsnames.ora Network Configuration File:
/u01/app/oracle/product/11.2.0/db_1/network/admin/tnsnames.ora
# Generated by Oracle configuration tools.

SOA =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL = TCP)(HOST = broradb.alphacorp.local)(PORT = 1521))
    (CONNECT_DATA =
      (SERVER = DEDICATED)
      (SERVICE_NAME = SOA)
    )
  )

ORAAUTOM =
  (DESCRIPTION =
    (ADDRESS = (PROTOCOL = TCP)(HOST = broradb.alphacorp.local)(PORT = 1521))
    (CONNECT_DATA =
      (SERVER = DEDICATED)
      (SERVICE_NAME = ORAAUTOM)
    )
  )
```

Configuração dos bancos:

```
[oracle@brspdtc0017c ~]$ srvctl config database -d soa
Database unique name: SOA
Database name: SOA
Oracle home: /u01/app/oracle/product/11.2.0/db_1
Oracle user: oracle
Spfile: +DATA/SOA/spfileSOA.ora
Domain:
Start options: open
Stop options: immediate
Database role: PRIMARY
Database instances: SOA1,SOA2
Disk Groups: DATA
Mount point paths:
Services:
Type: RAC
Database is administrator managed

[oracle@brspdtc0017c ~]$ srvctl config database -d oraautom
Database unique name: ORAAUTOM
Database name: ORAAUTOM
Oracle home: /u01/app/oracle/product/11.2.0/db_1
Oracle user: oracle
Spfile: +DATA/ORAAUTOM/spfileORAAUTOM.ora
Domain:
Start options: open
Stop options: immediate
Database role: PRIMARY
Database instances: ORAAUTOM1,ORAAUTOM2
Disk Groups: DATA
Mount point paths:
Services:
Type: RAC
Database is administrator managed
```
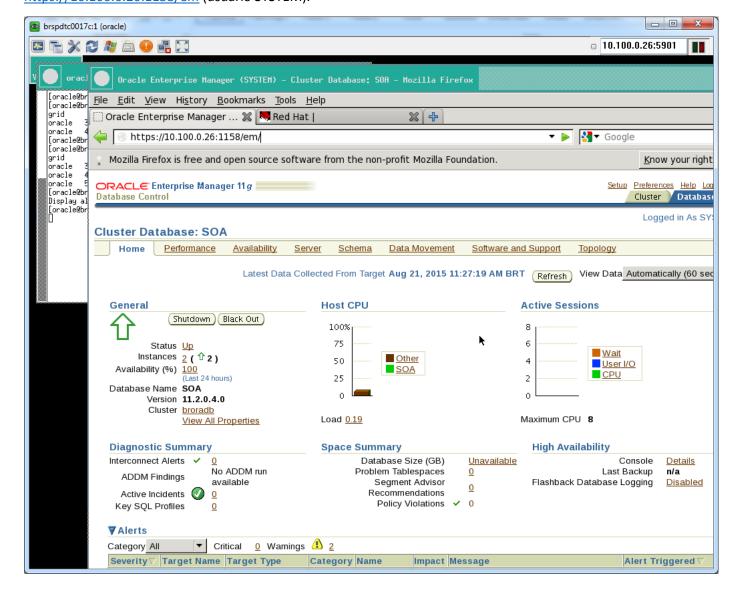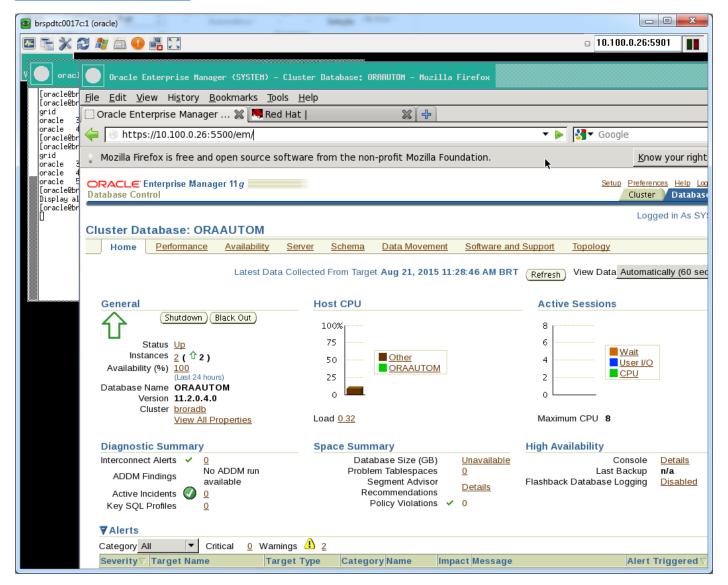
Enterprise manager dos bancos:

SOA:
https://10.100.0.26:1158/em (usuário SYSTEM).

ORAAUTOM :
https://10.100.0.26:1158/em (usuário SYSTEM).

Configuração do Cluster:

Configuração geral:

```
[root@brspdtc0017c ~]# crsctl query css votedisk
##   STATE     File Universal Id                File Name Disk group
--   -----     -----------------                --------- ----------
 1.  ONLINE    212f2f792fe34f79bfc9ca953b45eae0 (ORCL:VOL_CL1) [CL_FILES]
 2.  ONLINE    1fbc378563374fb7bf466ab1cf9f2c3c (ORCL:VOL_CL2) [CL_FILES]
 3.  ONLINE    475ed3c895724f0abfab63d6927afbbf (ORCL:VOL_CL3) [CL_FILES]
Located 3 voting disk(s).
[root@brspdtc0017c ~]#
```

```
[root@brspdtc0017c ~]# /etc/init.d/oracleasm listdisks
VOL_CL1
VOL_CL2
VOL_CL3
VOL_CL4
VOL_DATA01
VOL_DATA02
VOL_DATA03
VOL_DATA04
VOL_DATA05
VOL_DATA06
VOL_DATA07
VOL_DATA08
VOL_DATA09
VOL_FLASH01
[root@brspdtc0017c ~]#
```

```
[root@brspdtc0017c ~]# crsctl status res -t
--------------------------------------------------------------------------------
NAME            TARGET  STATE        SERVER                   STATE_DETAILS
--------------------------------------------------------------------------------
Local Resources
--------------------------------------------------------------------------------
ora.CL_FILES.dg
                ONLINE  ONLINE       brspdtc0017c
                ONLINE  ONLINE       brspdtc0018c
ora.LISTENER.lsnr
                ONLINE  ONLINE       brspdtc0017c
                ONLINE  ONLINE       brspdtc0018c
ora.asm
                ONLINE  ONLINE       brspdtc0017c             Started
                ONLINE  ONLINE       brspdtc0018c             Started
ora.gsd
                OFFLINE OFFLINE      brspdtc0017c
                OFFLINE OFFLINE      brspdtc0018c
ora.net1.network
                ONLINE  ONLINE       brspdtc0017c
                ONLINE  ONLINE       brspdtc0018c
ora.ons
                ONLINE  ONLINE       brspdtc0017c
                ONLINE  ONLINE       brspdtc0018c
ora.registry.acfs
                ONLINE  ONLINE       brspdtc0017c
                ONLINE  ONLINE       brspdtc0018c
--------------------------------------------------------------------------------
Cluster Resources
--------------------------------------------------------------------------------
ora.LISTENER_SCAN1.lsnr
      1         ONLINE  ONLINE       brspdtc0018c
ora.LISTENER_SCAN2.lsnr
      1         ONLINE  ONLINE       brspdtc0017c
ora.LISTENER_SCAN3.lsnr
      1         ONLINE  ONLINE       brspdtc0017c
ora.brspdtc0017c.vip
      1         ONLINE  ONLINE       brspdtc0017c
ora.brspdtc0018c.vip
      1         ONLINE  ONLINE       brspdtc0018c
ora.cvu
      1         ONLINE  ONLINE       brspdtc0017c
ora.oc4j
      1         ONLINE  ONLINE       brspdtc0017c
ora.scan1.vip
      1         ONLINE  ONLINE       brspdtc0018c
ora.scan2.vip
      1         ONLINE  ONLINE       brspdtc0017c
ora.scan3.vip
      1         ONLINE  ONLINE       brspdtc0017c
[root@brspdtc0017c ~]#
```

Configuração nó 1:

```
[root@brspdtc0017c ~]# crsctl check crs
CRS-4638: Oracle High Availability Services is online
CRS-4537: Cluster Ready Services is online
CRS-4529: Cluster Synchronization Services is online
CRS-4533: Event Manager is online
[root@brspdtc0017c ~]# crsctl check css
CRS-4529: Cluster Synchronization Services is online
[root@brspdtc0017c ~]# ocrcheck
Status of Oracle Cluster Registry is as follows :
         Version                  :          3
         Total space (kbytes)     :     262120
         Used space (kbytes)      :       2676
         Available space (kbytes) :     259444
         ID                       : 1074387062
         Device/File Name         :   +CL_FILES
                                     Device/File integrity check succeeded

                                     Device/File not configured

                                     Device/File not configured

                                     Device/File not configured

                                     Device/File not configured

         Cluster registry integrity check succeeded

         Logical corruption check succeeded


[root@brspdtc0017c ~]# ocrcheck -local
Status of Oracle Local Registry is as follows :
         Version                  :          3
         Total space (kbytes)     :     262120
         Used space (kbytes)      :       2528
         Available space (kbytes) :     259592
         ID                       : 1288128078
         Device/File Name         :
/u01/app/grid/product/11.2.0/grid/cdata/brspdtc0017c.olr
                                     Device/File integrity check succeeded

         Local registry integrity check succeeded

         Logical corruption check succeeded
```

Configuração nó 2:

```
[root@brspdtc0018c ~]# crsctl check crs
CRS-4638: Oracle High Availability Services is online
CRS-4537: Cluster Ready Services is online
CRS-4529: Cluster Synchronization Services is online
CRS-4533: Event Manager is online
[root@brspdtc0018c ~]# crsctl check css
CRS-4529: Cluster Synchronization Services is online
[root@brspdtc0018c ~]# ocrcheck
Status of Oracle Cluster Registry is as follows :
         Version                  :          3
         Total space (kbytes)     :     262120
         Used space (kbytes)      :       2676
         Available space (kbytes) :     259444
         ID                       : 1074387062
         Device/File Name         :  +CL_FILES
                                    Device/File integrity check succeeded

                                    Device/File not configured

                                    Device/File not configured

                                    Device/File not configured

                                    Device/File not configured

         Cluster registry integrity check succeeded

         Logical corruption check succeeded

[root@brspdtc0018c ~]# ocrcheck -local
Status of Oracle Local Registry is as follows :
         Version                  :          3
         Total space (kbytes)     :     262120
         Used space (kbytes)      :       2536
         Available space (kbytes) :     259584
         ID                       :  998089646
         Device/File Name         :
/u01/app/grid/product/11.2.0/grid/cdata/brspdtc0018c.olr
                                    Device/File integrity check succeeded

         Local registry integrity check succeeded

         Logical corruption check succeeded
```