# Verifier l'état d'un cluster sous PaceMaker

```
[root@           :~]
# pcs status corosync
Error: corosync not running
[root@           :~]
# pcs cluster start
Starting Cluster (corosync)...
Starting Cluster (pacemaker)...
[root@           :~]
# pcs status
Cluster name:
Stack: corosync
Current DC: NONE
Last updated: Tue Oct  4 09:03:21 2022
Last change: Sun Sep  4 19:34:56 2022 by hacluster via crm_attribute on frd825d17dbl

2 nodes configured
6 resource instances configured

OFFLINE: [                          ]

Full list of resources:

 Master/Slave Set: datamaster [dataraw]
     Stopped: [                          ]
 Resource Group: MYSQL
     FS_DataBDD (ocf::heartbeat:Filesystem):    Stopped
     cluster_admin_VIP  (ocf::heartbeat:IPaddr2):       Stopped
     cluster_mysql_VIP  (ocf::heartbeat:IPaddr2):       Stopped
     Service_MariaDB    (ocf::heartbeat:mysql): Stopped

Daemon Status:
  corosync: active/enabled
  pacemaker: active/enabled
  pcsd: active/enabled
```

```
[root@           :~]
# pcs status corosync

Membership information
----------------------
    Nodeid      Votes Name
         1          1           dbl
         2          1           dbl (local)
```

Pour l'alerte suivante : App-DRBD-Monitor --> DRBD: 1 crit, 0 okay:
Le service drbd ne doit pas être démarré manullement : il est géré par pacemaker via les commandes pcs

```
# service drbd status
● drbd.service - LSB: Control DRBD resources.
   Loaded: loaded (/etc/init.d/drbd; generated)
   Active: inactive (dead)
     Docs: man:systemd-sysv-generator(8)
```

Identifier l'état du cluster :
drbdadm status
drbdmon (ne doit pas afficher d'alerte )

Mettre les sonde drbd en maintenance et procéder à une resynchronisation drbd

```
[root@                :~]
# pcs status
Cluster name:
Stack: corosync
Current DC:          dbl (version 1.1.23-1.el7_9.1-9acf116022) - partition with quorum
Last updated: Wed Oct 11 16:07:18 2023
Last change: Wed Oct 11 14:24:19 2023 by root via cibadmin on frd825p29dbl

2 nodes configured
6 resource instances configured

Online: [                                ]

Full list of resources:

 Master/Slave Set: datamaster [dataraw]
     Masters: [          dbl ]
     Slaves: [           dbl ]
 Resource Group: MYSQL
     FS_DataBDD (ocf::heartbeat:Filesystem):    Started           dbl
     cluster_admin_VIP  (ocf::heartbeat:IPaddr2):       Stopped
     cluster_mysql_VIP  (ocf::heartbeat:IPaddr2):       Stopped
     Service_MariaDB    (ocf::heartbeat:mysql): Stopped

Daemon Status:
  corosync: active/enabled
  pacemaker: active/enabled
  pcsd: active/enabled
```

pcs resource enable MYSQL

```
[root@                :~]
# pcs status
Cluster name:                    MYSQL
Stack: corosync
Current DC:           dbl (version 1.1.23-1.el7_9.1-9acf116022) - partition with quorum
Last updated: Wed Oct 11 16:09:20 2023
Last change: Wed Oct 11 14:24:19 2023 by root via cibadmin on           dbl

2 nodes configured
6 resource instances configured

Online: [                                dbl ]

Full list of resources:

 Master/Slave Set: datamaster [dataraw]
     Masters: [             dbl ]
     Slaves: [              dbl ]
 Resource Group: MYSQL
     FS_DataBDD (ocf::heartbeat:Filesystem):    Started           dbl
     cluster_admin_VIP  (ocf::heartbeat:IPaddr2):       Started           dbl
     cluster_mysql_VIP  (ocf::heartbeat:IPaddr2):       Started           dbl
     Service_MariaDB    (ocf::heartbeat:mysql): Started frd825p30dbl

Daemon Status:
  corosync: active/enabled
  pacemaker: active/enabled
  pcsd: active/enabled
```

Déplacement des ressoures action préreboot/maj :

Vérifier l'etat du cluster
pcs status --full drbdadm status
drbdmon (ne doit pas afficher d'alerte )

Si drbd ok: déplacer les ressources sur le nœud sur lequel il n'y aura pas d'opération pcs resource move NOM_DU_GROUP_DE_RESOURCE (exemple ci dessus : MYSQL )

Vérifier le déplacement des resource avec pcs status mettre le nœud secondaire (sur lequel on va faire la mise à jour ou le reboot)  en maintenance
pcs node maintenance nomdunoeud

mettre ensuite le nœud en standby
pcs node standby nomdunoeud

procéder aux opérations de maintenance

---

Revision #3
Created 31 October 2024 23:14:44 by Cavallone
Updated 19 November 2024 11:36:41 by Cavallone