

Pacemaker 3

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Fence 7

Pacemaker

pcs status

```
[root@rhcs8-1 ~]# pcs status
Cluster name: CL1
Cluster Summary:
 * Stack: corosync (Pacemaker is running)
 * Current DC: rhcs8-2hb (version 2.1.7-5.3.el8_10-0f7f88312) - partition
with quorum
 * Last updated: Tue Nov 11 12:49:49 2025 on rhcs8-1hb
 * Last change: Mon Nov 10 09:46:18 2025 by root via root on rhcs8-2hb
 * 2 nodes configured
 * 7 resource instances configured

Node List:
 * Online: [ rhcs8-1hb rhcs8-2hb ]

Full List of Resources:
 * Resource Group: dbgroup:
 * my_lvm (ocf::heartbeat:LVM-activate): Started rhcs8-1hb
 * clusterFS (ocf::heartbeat:Filesystem): Started rhcs8-1hb
 * VIP (ocf::heartbeat:IPaddr2): Started rhcs8-1hb
 * myoracle (ocf::heartbeat:oracle): Started rhcs8-1hb
 * mylistener (ocf::heartbeat:oralsnr): Started rhcs8-1hb
 * fence-node1 (stonith:fence_ipmilan): Started rhcs8-2hb
 * fence-node2 (stonith:fence_ipmilan): Started rhcs8-2hb

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

pcs resource status pcs resource config <RESOURCE_NAME>

```
[root@rhcs8-1 ~]# pcs resource status
 * Resource Group: dbgroup:
 * my_lvm (ocf::heartbeat:LVM-activate): Started rhcs8-1hb
 * clusterFS (ocf::heartbeat:Filesystem): Started rhcs8-1hb
 * VIP (ocf::heartbeat:IPaddr2): Started rhcs8-1hb
 * myoracle (ocf::heartbeat:oracle): Started rhcs8-1hb
```

```
* mylistener (ocf::heartbeat:oralsnr): Started rhcs8-1hb
```

```
[root@rhcs8-1 ~]# pcs resource config VIP
Resource: VIP (class=ocf provider=heartbeat type=IPaddr2)
Attributes: VIP-instance_attributes
            ip=10.33.0.80
Operations:
monitor: VIP-monitor-interval-10s
        interval=10s
        timeout=20s
start: VIP-start-interval-0s
      interval=0s
      timeout=20s
stop: VIP-stop-interval-0s
     interval=0s
     timeout=20s
```

pcs resource cleanup <RESOURCE_NAME>

```
[root@rhcs8-1 ~]# pcs resource cleanup VIP
Cleaned up my_lvm on rhcs8-2hb
Cleaned up my_lvm on rhcs8-1hb
Cleaned up clusterFS on rhcs8-2hb
Cleaned up clusterFS on rhcs8-1hb
Cleaned up VIP on rhcs8-2hb
Cleaned up VIP on rhcs8-1hb
Cleaned up myoracle on rhcs8-2hb
Cleaned up myoracle on rhcs8-1hb
Cleaned up mylistener on rhcs8-2hb
Cleaned up mylistener on rhcs8-1hb
```

RESOURCE_NAME	failcount	.
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```
[root@rhcs8-1 ~]# pcs resource cleanup
Cleaned up all resources on all nodes
```

pcs cluster stop [-all | node] [...]

```
[root@rhcs8-1 ~]# pcs cluster stop --all
rhcs8-1hb: Stopping Cluster (pacemaker)...
rhcs8-2hb: Stopping Cluster (pacemaker)...
rhcs8-2hb: Stopping Cluster (corosync)...
rhcs8-1hb: Stopping Cluster (corosync)...
```

<code>
</WRAP>

```
''kill -9''
```

<WRAP prewrap>

<code bash>

```
[root@rhcs8-1 ~]# pcs cluster kill
```

```
[root@rhcs8-1 ~]# pcs cluster enable [--all | node]
```

```
[root@rhcs8-1 ~]# pcs cluster disable [--all | node]
```

- --all
-

가 / .

가 standby

가

```
[root@rhcs8-1 ~]# pcs node standby <NODE> | --all
```

```
[root@rhcs8-1 ~]# pcs node unstandby <NODE> | --all
```

- --all

standby/unstandby

```
pcs property set maintenance-mode=true
```

```
[root@rhcs8-1 ~]# pcs property set maintenance-mode=true
[root@rhcs8-1 ~]# pcs status
Cluster name: CL1
Cluster Summary:
 * Stack: corosync (Pacemaker is running)
 * Current DC: rhcs8-2hb (version 2.1.7-5.3.el8_10-0f7f88312) - partition
with quorum
 * Last updated: Tue Nov 11 13:20:33 2025 on rhcs8-1hb
 * Last change: Tue Nov 11 13:20:30 2025 by root via root on rhcs8-1hb
 * 2 nodes configured
 * 7 resource instances configured

*** Resource management is DISABLED ***
The cluster will not attempt to start, stop or recover services

Node List:
 * Online: [ rhcs8-1hb rhcs8-2hb ]
```

```
                                maintenance-mode
false
```

```
[root@rhcs8-1 ~]# pcs property set maintenance-mode=false
[root@rhcs8-1 ~]# pcs status
Cluster name: CL1
Cluster Summary:
 * Stack: corosync (Pacemaker is running)
 * Current DC: rhcs8-2hb (version 2.1.7-5.3.el8_10-0f7f88312) - partition
with quorum
 * Last updated: Tue Nov 11 13:22:21 2025 on rhcs8-1hb
 * Last change: Tue Nov 11 13:22:19 2025 by root via root on rhcs8-1hb
 * 2 nodes configured
 * 7 resource instances configured

Node List:
 * Online: [ rhcs8-1hb rhcs8-2hb ]

Full List of Resources:
 * Resource Group: dbgroup:
 * my_lvm (ocf::heartbeat:LVM-activate): Started rhcs8-2hb
 * clusterFS (ocf::heartbeat:Filesystem): Started rhcs8-2hb
 * VIP (ocf::heartbeat:IPaddr2): Started rhcs8-2hb
 * myoracle (ocf::heartbeat:oracle): Started rhcs8-2hb
 * mylistener (ocf::heartbeat:oralsnr): Started rhcs8-2hb
 * fence-node1 (stonith:fence_ipmilan): Started rhcs8-1hb
 * fence-node2 (stonith:fence_ipmilan): Started rhcs8-1hb

Daemon Status:
corosync: active/enabled
```

pacemaker: active/enabled
pcsd: active/enabled

Fence

STONITH(Fence-device) _____ Fail-over가

fail-over .

- 가 reboot . reboot
- fail-over가 .
- 가 가 가
- power-off .
- 가 power-off slave
- . (가 rhcs8-1hb)

```
[root@rhcs8-2 ~]# pcs stonith confirm rhcs8-1hb
WARNING: If node rhcs8-1hb is not powered off or it does have access to
shared resources, data corruption and/or cluster failure may occur. Are you
sure you want to continue? [y/N] y
Node: rhcs8-1hb confirmed fenced
```

Cluster Summary:

```
* Stack: corosync (Pacemaker is running)
* Current DC: rhcs8-2hb (version 2.1.7-5.3.el8_10-0f7f88312) - partition
with quorum
* Last updated: Fri Nov 7 22:54:50 2025 on rhcs8-2hb
* Last change: Fri Nov 7 22:39:18 2025 by root via root on rhcs8-2hb
* 2 nodes configured
* 7 resource instances configured (2 DISABLED)
```

- slave 가 fail-over .
- .

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