

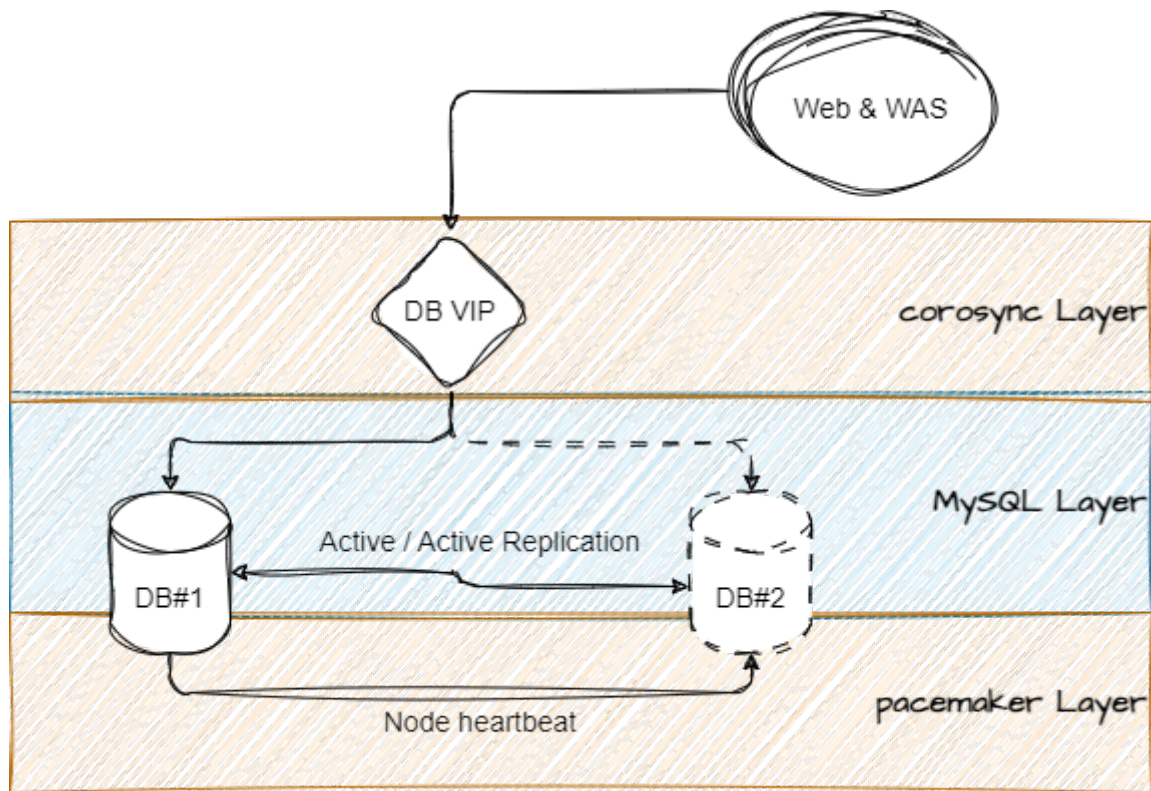
# corosync / pacemaker

## DB

1 2 3 4 5

1 2 3 4 5 , 6 7 .  
1 2 3 4 5 6 7 8 9 10 (Refactoring) 11 12 13 .  
DB 1 2 3 4 5 6 7 8 9 , 10 11 , 24 12 13 14  
15 16 .  
1 2 maxscale 3 DB 4 5 6 , 7 8 DB 9 Active / Standby 10  
11 12 13 14 / 15 16 .

1 2 3 4 5 6 7 8 9



Corosync & Pacemaker 1 1 1 / 1 1 1 1 1 1  
 Mysql DB 1 1 1 1 1 1 . Failover / Failback 1 1 1 1 1 1  
 replication 1 1 1 1 1 1

## 1 & 1 1 1 1

1 1 1 1 1 1 : corosync / pacemaker 1 1 HA 1 1 1 1 1 1 .

1. 1 1 1 1 1 1

```
$> yum install corosync pacemkaer -y
```

2. Mysql 1 1 1 health check 1 1 1 1 1 1

```
$> vi /etc/init.d/db_check
#!/bin/bash
```

```

case "$1" in
"start")
    echo "start"
;;
"stop")
    echo "stop"
;;
# mysql 实例 读-only 实例 (实例 实例 ) 实例 localhost 实例 实例 - select now()
实例 实例
"status")
    mysql --connect-timeout 2 -u monitor -p'实例 实例' -h localhost -Nse 'select now()'
    result_code=$?

    #实例 实例 实例 实例 实例 DB VIP 实例 IP 实例
    if [[ $result_code -eq 1 ]]
    then
        echo "[$(date +%Y-%m-%d-%H:%M:%S)] DB Connection Error" >> /var/log/db_check
        pcs resource move DB_GROUP {{ 实例 IP }}
    fi
;;
*)
    echo "start|stop|status"
    exit 1
;;
esac

```

### 3. DB实例 HA resource 实例

```

$> pcs cluster setup db_ha {{ DB1_IP }} {{ DB2_IP }} --force
$> pcs cluster start --all
$> pcs property set stonith-enabled=false
$> pcs property set no-quorum-policy=ignore
$> pcs resource defaults update resource-stickiness=100
$> pcs resource create DB_CHECK service:db_check op status timeout=10s interval=10s --group
DB_GROUP
$> pcs resource create DB_VIP ocf:heartbeat:IPaddr2 ip={{ DB_VIP }} cidr_netmask=32 op monitor

```

```
interval=10s --group DB_GROUP
```

4.  

```
# crm_mon -l
Stack: classic openais (with plugin)
Current DC: TEST-DB#1 (version 1.1.18-3.el6-bfe4e80420) - partition with quorum
Last updated: Wed Dec 18 18:29:46 2019
Last change: Mon Sep 2 19:26:34 2019 by root via crm_resource on TEST-DB#1

2 nodes configured (2 expected votes)
5 resources configured

Online: [ TEST-DB#1 TEST-DB#2 ]

Active resources:

Resource Group: DB_GROUP
  DB_CHECK      (ocf::heartbeat:Filesystem):  Started TEST-DB#1
  DB_VIP        (ocf::heartbeat:Filesystem):  Started TEST-DB#1
```

## Reference

- [https://docs.redhat.com/ko/documentation/red\\_hat\\_enterprise\\_linux/8/html/configuring\\_and\\_managing\\_high\\_availability\\_clusters/con\\_pacemaker-overview-overview-of-high-availability](https://docs.redhat.com/ko/documentation/red_hat_enterprise_linux/8/html/configuring_and_managing_high_availability_clusters/con_pacemaker-overview-overview-of-high-availability)
- <https://tech.osci.kr/%EA%B8%B0%EC%B4%88%EB%B6%80%ED%84%B0-%EC%8B%9C%EC%9E%91%ED%95%98%EB%8A%94-linux-pacemaker%EC%9D%98-%EC%9D%B4%ED%95%B4/>

Revision #8

Created 28 June 2022 05:45:47 by artop0420

Updated 31 August 2024 02:32:23 by artop0420