

Redis 備份還原實作

```
## 登入三台機器進行相同動作
$ sudo su

## 確認資料儲存位置
$ /usr/local/redis-cluster/bin/redis-cli -h `hostname -i` -p 6377 -a newld20200909 2> /dev/null config get dir | tail -n 1
/usr/local/redis-cluster/data

## 先把資料備份到另外一個地方
$ cp -R /usr/local/redis-cluster/data /home/gok

## 清空原始資料位置
$ rm -rf /usr/local/redis-cluster/data/*

## 進入資料庫刪除所有的 keys
$ /usr/local/redis-cluster/bin/redis-cli -h `hostname -i` -p 6377 -a newld20200909 2> /dev/null flushall
OK
## 確認所有的 keys
$ /usr/local/redis-cluster/bin/redis-cli -h `hostname -i` -p 6377 -a newld20200909 2> /dev/null keys *
(empty list or set)

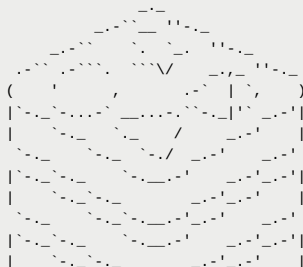
## 把資料放回 config 指定的位置
$ cp -R /home/gok/data /usr/local/redis-cluster

## 重啟 redis 服務
$ sh /opt/centos/allstart.sh
$ sh /opt/centos/stop_redis_all.sh

## 確認 keys 都有回來
$ /usr/local/redis-cluster/bin/redis-cli -h `hostname -i` -p 6377 -a newld20200909 2> /dev/null keys \*
1) "activity:vo_75::item"
2) "activity:vo_51::item"
3) "GAME_PAYOUT_JOB"
4) "activity:vo_49::item"
5) "application_domain::platform_4::list"
6) "ohohoh"
7) "hello"
8) "activity:vo_109::item"
9) "activity:vo_96::item"
10) "haha"
11) "GAME_BET_SUPPLEMENT"
12) "activity:vo_135::item"
13) "activity:vo_25::item"
14) "activity:vo_45::item"
15) "admin_sys::SYS_ADMIN_ROLE_IDS_1"
16) "{testCacheMap}:redisson_options"
```

```
### 也可以從 log 的紀錄來查看 redis 狀態的變化
$ tail -n 55 /usr/local/redis-cluster/log/redis-6377.log


23668:M 10 Jan 2023 17:36:16.783 * Calling fsync() on the AOF file.
23668:M 10 Jan 2023 17:36:16.783 * Saving the final RDB snapshot before exiting.
23668:M 10 Jan 2023 17:36:16.787 * DB saved on disk
23668:M 10 Jan 2023 17:36:16.787 * Removing the pid file.
23668:M 10 Jan 2023 17:36:16.787 # Redis is now ready to exit, bye bye...
10259:C 10 Jan 2023 17:36:26.654 # o000o000o000o Redis is starting o000o000o000o
10259:C 10 Jan 2023 17:36:26.654 # Redis version=5.0.9, bits=64, commit=00000000, modified=0, pid=10259, just started
10259:C 10 Jan 2023 17:36:26.654 # Configuration loaded
10260:M 10 Jan 2023 17:36:26.660 * Node configuration loaded, I'm 23a405fd0d07732e0117bb367f9e0b850ebfb14b
```



Redis 5.0.9 (00000000/0) 64 bit

Running in cluster mode
Port: 6377
PID: 10260

<http://redis.io>



```
10260:M 10 Jan 2023 17:36:26.660 # Server initialized
10260:M 10 Jan 2023 17:36:26.661 # WARNING you have Transparent Huge Pages (THP) support enabled in your kernel. This will create latency a
10260:M 10 Jan 2023 17:36:26.661 * Reading RDB preamble from AOF file...
10260:M 10 Jan 2023 17:36:26.661 * Reading the remaining AOF tail...
10260:M 10 Jan 2023 17:36:26.661 * DB loaded from append only file: 0.000 seconds
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 11023, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 11314, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 11340, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 12561, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 12810, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 12842, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 13455, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 13868, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 14210, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 14249, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 14692, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.661 # I have keys for slot 14767, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.662 # I have keys for slot 16241, but the slot is assigned to another node. Setting it to importing state.
10260:M 10 Jan 2023 17:36:26.668 * Ready to accept connections
10260:M 10 Jan 2023 17:36:27.687 * Replica 10.21.1.121:6380 asks for synchronization
10260:M 10 Jan 2023 17:36:27.687 * Partial resynchronization not accepted: Replication ID mismatch (Replica asked for 'bac66d68ed254e176fe5
10260:M 10 Jan 2023 17:36:27.687 * Starting BGSAVE for SYNC with target: disk
10260:M 10 Jan 2023 17:36:27.687 * Background saving started by pid 10270
10270:C 10 Jan 2023 17:36:27.691 * DB saved on disk
10270:C 10 Jan 2023 17:36:27.692 * RDB: 0 MB of memory used by copy-on-write
10260:M 10 Jan 2023 17:36:27.775 * Background saving terminated with success
10260:M 10 Jan 2023 17:36:27.775 * Synchronization with replica 10.21.1.121:6380 succeeded
10260:M 10 Jan 2023 17:36:28.679 # Cluster state changed: ok
```