



启动测试

启动3个redis服务

```
/usr/local/redis/bin/redis-server /opt/redis/conf/redis-6379.conf
/usr/local/redis/bin/redis-server /opt/redis/conf/redis-6380.conf
/usr/local/redis/bin/redis-server /opt/redis/conf/redis-6381.conf
```

```
[root@localhost ~]# /usr/local/redis/bin/redis-server /opt/redis/conf/redis-6379.conf
[root@localhost ~]# /usr/local/redis/bin/redis-server /opt/redis/conf/redis-6380.conf
[root@localhost ~]# /usr/local/redis/bin/redis-server /opt/redis/conf/redis-6381.conf
[root@localhost ~]# ps -ef | grep redis
root      2458      1   0 10:07 ?        00:00:00 /usr/local/redis/bin/redis-server *:6379
root      2463      1   0 10:07 ?        00:00:00 /usr/local/redis/bin/redis-server *:6380
root      2469      1   0 10:07 ?        00:00:00 /usr/local/redis/bin/redis-server *:6381
```

启动3个哨兵服务

```
/usr/local/redis/bin/redis-sentinel /opt/redis/conf/sentinel-26379.conf
/usr/local/redis/bin/redis-sentinel /opt/redis/conf/sentinel-26380.conf
/usr/local/redis/bin/redis-sentinel /opt/redis/conf/sentinel-26381.conf
```

```
[root@localhost ~]# ps -ef | grep redis
root      2458      1   0 10:07 ?        00:00:01 /usr/local/redis/bin/redis-server *:6379
root      2463      1   0 10:07 ?        00:00:01 /usr/local/redis/bin/redis-server *:6380
root      2469      1   0 10:07 ?        00:00:00 /usr/local/redis/bin/redis-server *:6381
root      2626    2576   0 10:11 pts/3    00:00:01 /usr/local/redis/bin/redis-sentinel *:26379 [sentinel]
root      2630    2539   0 10:11 pts/2    00:00:01 /usr/local/redis/bin/redis-sentinel *:26380 [sentinel]
root      2634    2497   0 10:11 pts/1    00:00:01 /usr/local/redis/bin/redis-sentinel *:26381 [sentinel]
```

查看主从状态

redis-6379

```
[root@localhost ~]# /usr/local/redis/bin/redis-cli -p 6379 -a root
Warning: Using a password with '-a' option on the command line interface may not be safe.
127.0.0.1:6379> info replication
# Replication
role:master
connected_slaves:2
slave0:ip=127.0.0.1,port=6380,state=online,offset=490,lag=1
slave1:ip=127.0.0.1,port=6381,state=online,offset=490,lag=1
master_replid:222178e1a9c6a071a9a1066c2365c0d10751257b
master_replid2:0000000000000000000000000000000000000000
master_repl_offset:490
second_repl_offset:-1
repl_backlog_active:1
repl_backlog_size:1048576
repl_backlog_first_byte_offset:1
repl_backlog_histlen:490
```



redis-6380

```
[root@localhost ~]# /usr/local/redis/bin/redis-cli -p 6380 -a root
Warning: Using a password with '-a' option on the command line interface may not be safe.
127.0.0.1:6380> info replication
# Replication
role: slave
master_host:127.0.0.1
master_port:6379
master_link_status:up
master_last_io_seconds_ago:8
master_sync_in_progress:0
slave_repl_offset:588
slave_priority:100
slave_read_only:1
connected_slaves:0
master_replid:222178e1a9c6a071a9a1066c2365c0d10751257b
master_replid2:0000000000000000000000000000000000000000
master_repl_offset:588
second_repl_offset:-1
repl_backlog_active:1
repl_backlog_size:1048576
repl_backlog_first_byte_offset:1
repl_backlog_histlen:588
```

redis-6381

```
[root@localhost ~]# /usr/local/redis/bin/redis-cli -p 6381 -a root
Warning: Using a password with '-a' option on the command line interface may not be safe.
127.0.0.1:6381> info replication
# Replication
role: slave
master_host:127.0.0.1
master_port:6379
master_link_status:up
master_last_io_seconds_ago:1
master_sync_in_progress:0
slave_repl_offset:672
slave_priority:100
slave_read_only:1
connected_slaves:0
master_replid:222178e1a9c6a071a9a1066c2365c0d10751257b
master_replid2:0000000000000000000000000000000000000000
master_repl_offset:672
second_repl_offset:-1
repl_backlog_active:1
repl_backlog_size:1048576
repl_backlog_first_byte_offset:1
repl_backlog_histlen:672
```

检测哨兵功能是否配置成功

kill -9 终止redis-6379，查看哨兵是否选举了新的主节点

```
[root@localhost ~]# ps -ef | grep redis
root      2492      1   0 13:36 ?        00:00:00 /usr/local/redis/bin/redis-server *:6379
root      2497      1   0 13:36 ?        00:00:00 /usr/local/redis/bin/redis-server *:6380
root      2503      1   0 13:36 ?        00:00:00 /usr/local/redis/bin/redis-server *:6381
root      2698    2591   0 13:37 pts/3    00:00:00 /usr/local/redis/bin/redis-sentinel *:26379 [sentinel]
root      2702    2628   0 13:37 pts/4    00:00:00 /usr/local/redis/bin/redis-sentinel *:26380 [sentinel]
root      2706    2665   0 13:37 pts/5    00:00:00 /usr/local/redis/bin/redis-sentinel *:26381 [sentinel]
root      2711    2512   0 13:39 pts/1    00:00:00 /usr/local/redis/bin/redis-cli -p 6380 -a root
root      2718    2554   0 13:40 pts/2    00:00:00 /usr/local/redis/bin/redis-cli -p 6381 -a root
root      2720    2205   0 13:40 pts/0    00:00:00 grep --color=auto redis
[root@localhost ~]# kill -9 2492
```



已选举6380为主节点，从节点目前只有6381

```
127.0.0.1:6380> info replication
# Replication
role: master
connected_slaves:1
slave0:ip=192.168.10.100,port=6381,state=online,offset=45141,lag=1
master_replid:c46379a5770d36c04b3e4ea259928ed80388a44b
master_replid2:4a4d9b056b348c31ffe2231486893543518332a6
master_repl_offset:45141
second_repl_offset:42388
repl_backlog_active:1
repl_backlog_size:1048576
repl_backlog_first_byte_offset:1
repl_backlog_histlen:45141
```

重新启动6379节点，再次查看主从状态

发现6379已被发现且成为从节点

```
127.0.0.1:6380> info replication
# Replication
role:master
connected_slaves:2
slave0:ip=192.168.10.100,port=6381,state=online,offset=72802,lag=1
slave1:ip=192.168.10.100,port=6379,state=online,offset=72802,lag=0
master_replid:c46379a5770d36c04b3e4ea259928ed80388a44b
master_replid2:4a4d9b056b348c31ffe2231486893543518332a6
master_repl_offset:72802
second_repl_offset:42388
repl_backlog_active:1
repl_backlog_size:1048576
repl_backlog_first_byte_offset:1
repl_backlog_histlen:72802
```

6380之前不可以写操作，现在可以写操作，因为已成为主节点。

最后，公共配置文件修改为后台启动，私有配置文件打开日志记录文件，环境搭建成功。