1. Login into primary

```
[tom@localhost ~]$ mongo --port 27017

MongoDB shell version: 2.6.3
connecting to: 127.0.0.1:27017/test
myreplicaset:PRIMARY>
```

2. Store configuration to a variable "config"

```
myreplicaset:PRIMARY> config=rs.conf();
{
     " id" : "myreplicaset",
     "version" : 3,
     "members" : [
           {
                 " id" : 0,
                 "host": "localhost.localdomain:27017"
           },
                 " id" : 1,
                 "host" : "localhost.localdomain:27018"
           },
                 " id" : 2,
                 "host": "localhost.localdomain:27019"
     ]
}
```

3. Update priority of members

```
myreplicaset:PRIMARY> config.members[0].priority=3

myreplicaset:PRIMARY> config.members[1].priority=1

myreplicaset:PRIMARY> config.members[2].priority=2

2
```

4. Reconfigure ReplicaSet with new configurations

```
myreplicaset:PRIMARY> rs.reconfig(config)

2014-07-08T15:08:24.009+0200 DBClientCursor::init call() failed
2014-07-08T15:08:24.012+0200 trying reconnect to 127.0.0.1:27017
(127.0.0.1) failed
2014-07-08T15:08:24.013+0200 reconnect 127.0.0.1:27017 (127.0.0.1) ok
reconnected to server after rs command (which is normal)
```

5. View ReplicaSet configuration

```
myreplicaset:PRIMARY> rs.conf();
{
     "_id" : "myreplicaset",
     "version" : 4,
     "members" : [
                 " id" : 0,
                 "host" : "localhost.localdomain:27017",
                 "priority" : 3
           },
                 " id" : 1,
                 "host" : "localhost.localdomain:27018"
           },
                 " id" : 2,
                 "host": "localhost.localdomain:27019",
                 "priority" : 2
     ]
}
```

6. Check status of the ReplicaSet

```
myreplicaset:PRIMARY> rs.status();
{
       "set" : "myreplicaset",
       "date" : ISODate("2014-07-08T13:09:19Z"),
       "myState" : 1,
       "members" : [
                    "_id" : 0,
                    "name" : "localhost.localdomain:27017",
                    "health" : 1,
                    "state" : 1,
                    "stateStr" : "PRIMARY",
                    "uptime" : 1134,
                    "optime" : Timestamp(1404824903, 1),
                    "optimeDate" : ISODate("2014-07-08T13:08:23Z"),
                    "electionTime" : Timestamp(1404824025, 1),
                    "electionDate" : ISODate("2014-07-08T12:53:45Z"),
                    "self" : true
             },
                    " id" : 1,
                    "name" : "localhost.localdomain:27018",
                    "health" : 1,
                    "state" : 2,
                    "stateStr" : "SECONDARY",
                    "uptime" : 56,
                    "optime" : Timestamp(1404824903, 1),
                    "optimeDate" : ISODate("2014-07-08T13:08:23Z"),
                    "lastHeartbeat" : ISODate("2014-07-08T13:09:17Z"),
                    "lastHeartbeatRecv" : ISODate("2014-07-08T13:09:18Z"),
                    "pingMs" : 0,
                    "lastHeartbeatMessage" : "syncing to:
localhost.localdomain:27017",
                    "syncingTo" : "localhost.localdomain:27017"
                    " id" : 2,
                    "name": "localhost.localdomain:27019",
                    "health" : 1,
                    "state" : 2,
"stateStr" : "SECONDARY",
                    "uptime" : 56,
                    "optime" : Timestamp(1404824903, 1),
                    "optimeDate" : ISODate("2014-07-08T13:08:23Z"),
                    "lastHeartbeat" : ISODate("2014-07-08T13:09:17Z"),
                    "lastHeartbeatRecv" : ISODate("2014-07-08T13:09:19Z"),
                    "pingMs" : 0,
                    "lastHeartbeatMessage" : "syncing to:
localhost.localdomain:27017",
                    "syncingTo": "localhost.localdomain:27017"
       "ok" : 1
}
```

7. Exit from the primary

```
myreplicaset:PRIMARY> exit
bye
```

8. Stop the current master process

```
[tom@localhost ~]$ sudo su
[sudo] password for tom:
[root@localhost tom] # cd /var/lib/mongo
[root@localhost mongo]# ps -ef|grep mongo
                 1 0 14:50 ?
         2984
                                     00:00:03 mongod --port 27017 -
root
dbpath /var/lib/mongo/replicaset0 --logpath
/var/lib/mongo/replicaset0/log --replSet myreplicaset --fork --
smallfiles --nojournal
         3036
                 1 0 14:51 ? 00:00:02 mongod --port 27018 -
root
dbpath /var/lib/mongo/replicaset1 --logpath
/var/lib/mongo/replicaset1/log --replSet myreplicaset --fork --
smallfiles --nojournal
                  1 0 14:51 ?
                                      00:00:02 mongod --port 27019 -
         3082
dbpath /var/lib/mongo/replicaset2 --logpath
/var/lib/mongo/replicaset2/log --replSet myreplicaset --fork --
smallfiles --nojournal
root 3699 3682 0 15:11 pts/2 00:00:00 grep mongo
[root@localhost mongo] # kill -9 2984
```

9. Login into mongo with priority 2

```
[root@localhost mongo]# mongo --port 27019

MongoDB shell version: 2.6.3
connecting to: 127.0.0.1:27019/test
myreplicaset:PRIMARY>
```

10. Check configuration

```
myreplicaset:PRIMARY> rs.conf();
     "_id" : "myreplicaset",
     "version" : 4,
     "members" : [
                " id" : 0,
                "host" : "localhost.localdomain:27017",
                "priority" : 3
           },
                " id" : 1,
                "host" : "localhost.localdomain:27018"
           },
                " id" : 2,
                "host": "localhost.localdomain:27019",
                "priority" : 2
     ]
}
```

11. Check ReplicaSet status

```
myreplicaset:PRIMARY> rs.status();
{
      "set" : "myreplicaset",
      "date" : ISODate("2014-07-08T13:13:37Z"),
      "myState" : 1,
      "members" : [
                    "_id" : 0,
                    "name": "localhost.localdomain:27017",
                    "health" : 0,
                    "state" : 8,
                    "stateStr" : "(not reachable/healthy)",
                    "uptime" : 0,
                    "optime" : Timestamp(1404824903, 1),
                    "optimeDate" : ISODate("2014-07-08T13:08:23Z"),
                    "lastHeartbeat" : ISODate("2014-07-08T13:13:35Z"),
                    "lastHeartbeatRecv" : ISODate("2014-07-08T13:12:12Z"),
                    "pingMs" : 0
             },
                    " id" : 1,
                    "name" : "localhost.localdomain:27018",
                    "health" : 1,
                    "state" : 2,
                    "stateStr" : "SECONDARY",
                    "uptime" : 312,
                    "optime" : Timestamp(1404824903, 1),
                    "optimeDate" : ISODate("2014-07-08T13:08:23Z"),
                    "lastHeartbeat" : ISODate("2014-07-08T13:13:35Z"),
                    "lastHeartbeatRecv" : ISODate("2014-07-08T13:13:36Z"),
                    "pingMs" : 0,
                    "lastHeartbeatMessage" : "syncing to:
localhost.localdomain:27019",
                    "syncingTo" : "localhost.localdomain:27019"
                    " id" : 2,
                    "name": "localhost.localdomain:27019",
                    "health" : 1,
                    "state" : 1,
                    "stateStr" : "PRIMARY",
                    "uptime" : 1325,
                    "optime" : Timestamp(1404824903, 1),
                    "optimeDate" : ISODate("2014-07-08T13:08:23Z"),
                    "electionTime" : Timestamp(1404825141, 1),
                    "electionDate" : ISODate("2014-07-08T13:12:21Z"),
                    "self" : true
      ],
"ok" : 1
}
```

12. Exit from the current primary

```
myreplicaset:PRIMARY> exit
bye
```

13. Restart the killed process

```
[root@localhost mongo]# rm replicaset0/mongod.lock'? yes

rm: remove regular file `replicaset0/mongod.lock'? yes

[root@localhost mongo]# mongod --port 27017 --dbpath
/var/lib/mongo/replicaset0 --logpath /var/lib/mongo/replicaset0/log --
replSet myreplicaset --fork --smallfiles --nojournal

about to fork child process, waiting until server is ready for connections.
forked process: 5293
child process started successfully, parent exiting
```

14. Login into the restarted process

```
[root@localhost mongo]# mongo --port 27017

MongoDB shell version: 2.6.3
connecting to: 127.0.0.1:27017/test
```

15. Check ReplicaSet configuration

```
myreplicaset:PRIMARY> rs.conf();
{
     "_id" : "myreplicaset",
     "version" : 4,
     "members" : [
                 " id" : 0,
                 "host" : "localhost.localdomain:27017",
                 "priority" : 3
           },
                 " id" : 1,
                 "host" : "localhost.localdomain:27018"
           },
                 " id" : 2,
                 "host": "localhost.localdomain:27019",
                 "priority" : 2
     ]
}
```

16. Check ReplicaSet status

```
myreplicaset:PRIMARY> rs.status();
{
       "set" : "myreplicaset",
       "date" : ISODate("2014-07-08T13:17:33Z"),
       "myState" : 1,
       "members" : [
                    "_id" : 0,
                    "name" : "localhost.localdomain:27017",
                    "health" : 1,
                    "state" : 1,
                    "stateStr" : "PRIMARY",
                    "uptime" : 39,
                    "optime" : Timestamp(1404824903, 1),
                    "optimeDate" : ISODate("2014-07-08T13:08:23Z"),
                    "electionTime" : Timestamp(1404825417, 1),
                    "electionDate" : ISODate("2014-07-08T13:16:57Z"),
                    "self" : true
             },
                    " id" : 1,
                    "name" : "localhost.localdomain:27018",
                    "health" : 1,
                    "state" : 2,
                    "stateStr" : "SECONDARY",
                    "uptime" : 38,
                    "optime" : Timestamp(1404824903, 1),
                    "optimeDate" : ISODate("2014-07-08T13:08:23Z"),
                    "lastHeartbeat" : ISODate("2014-07-08T13:17:33Z"),
                    "lastHeartbeatRecv" : ISODate("2014-07-08T13:17:33Z"),
                    "pingMs" : 0,
                    "lastHeartbeatMessage" : "syncing to:
localhost.localdomain:27019",
                    "syncingTo" : "localhost.localdomain:27019"
                    " id" : 2,
                    "name": "localhost.localdomain:27019",
                    "health" : 1,
                    "state" : 2,
"stateStr" : "SECONDARY",
                    "uptime" : 38,
                    "optime" : Timestamp(1404824903, 1),
                    "optimeDate" : ISODate("2014-07-08T13:08:23Z"),
                    "lastHeartbeat" : ISODate("2014-07-08T13:17:33Z"),
                    "lastHeartbeatRecv" : ISODate("2014-07-08T13:17:32Z"),
                    "pingMs" : 0,
                    "lastHeartbeatMessage" : "syncing to:
localhost.localdomain:27017",
                    "syncingTo": "localhost.localdomain:27017"
       "ok" : 1
}
```

17. Exit from the primary.

myreplicaset:PRIMARY> exit
bye