## MongoDB-Replication activity:

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## Step1: Change the configuration file (mongo-conf) of db-1 server.

Open the /etc/mongo.conf file and add the hooks.

1. Set the security.

Security:

authorization: enabled

keyFile: /opt/mongo/mongo-surbo.key

1. Set the replication name.

replication:

replSetName: surbo-prod

1. Restart mongo service

Sudo systemctl restart mongo.service

## Step2: Login with admin password onto primary:

sudo mongo --host 172.31.3.41 --port 17901 -u "admin1" -p "suRb05MnG01" --authenticationDatabase "admin"

# step3: start replication on primary server

rs.initiate()

# step 4: add the secondary member and arbiter

rs.add(“172.31.31.117:17901”)

# Step5: check at the secondary db server:

sudo mongo --host 172.31.31.117 --port 17901 -u "admin1" -p "suRb05MnG01" --authenticationDatabase "admin"

secondary> db.getMongo().setSlaveOk()

# Step 6: Force secondary to never become primary. Run these commands on Primary DB-server.

Primary> cfg = rs.conf()

Primary> cfg.members[1].priority = 0

Primary> rs.reconfig(cfg)

# In case of failure:

# Step1: Change the /etc/mongo.conf file

Comment the replication:

# replication:

# replSetName: surbo-prod

# Step2: Restart the mongo service again on primary db server.

Systemctl restart mongodb.service