<https://www.youtube.com/watch?v=-obvxYp_kbc&ab_channel=StackWiseDev>

https://awsm.page/nodejs/how-to-create-and-start-a-mongodb-replica-set/

mongod –27017

c/data/db creating folders

mongod –port 27017 –dbpath “C:\data\db”

mongosh –port 27017

show dbs

rs.initiate(config) or rs.initiate({ some: “properites”, etc })

mongosh –port 27017

open c/programfiles/mongodb/server/7.0/mongod.cfg

add string

replication:

replSetName: “rs0”

creating folders for replica dbs

c\dada\27017

c\dada\27018

c\dada\27019

etc in need more

in every folde send command

mongod --port 27017 –dbpath “C:\data\27017 –replSet rs0 –bind\_ip localhost

mongod --port 27018 –dbpath “C:\data\27018 –replSet rs0 –bind\_ip localhost

mongod --port 27019 –dbpath “C:\data\27019 –replSet rs0 –bind\_ip localhost

after

mongosh –port 27017

rs.initiate()

rs.conf()

rs.reconfig({\_id: "rs0", members: [{\_id: 0, host: "localhost:27017"}, {\_id: 1, host: "localhost:27018"}, {\_id: 2, host: "localhost:27019"}] }, {force: true});

then check members:

rs.conf()

rs.status()

then connect to secondary db 27018 or 27018 and try to watch some clooection

mongosh –port 27018

show dbs

use SomeCollection (users or posts for example)

db.users.find()

and if we have MongoServerError: not primary and secondareOk=false send it:

db.getMongo().setReadPref(‘secondary’)

Also we can to add others dbs

rs.add({host: “localhost:27020”) and etc

rs.status() – for checking status

rs.remove(“localhost:27020”) - for deleting replicas

Чтобы выключить реплики, просто комментируем replSet в конфиге

Чтобы запустить все основную бд с репликами

mongod --port 27017 --replSet rs0 –dbpath "C:\data\27017" в первом окне консоли

mongod --port 27018 --replSet rs0 –dbpath "C:\data\27018" во втором окне консоли

mongod --port 27019 --replSet rs0 –dbpath "C:\data\27019" в третьем окне консоли

mongosh --port 27017 запускаем клиент для взаимодействия с бд

rs.status() - проверяем работает ли наш кластер с шашими нодами или нет