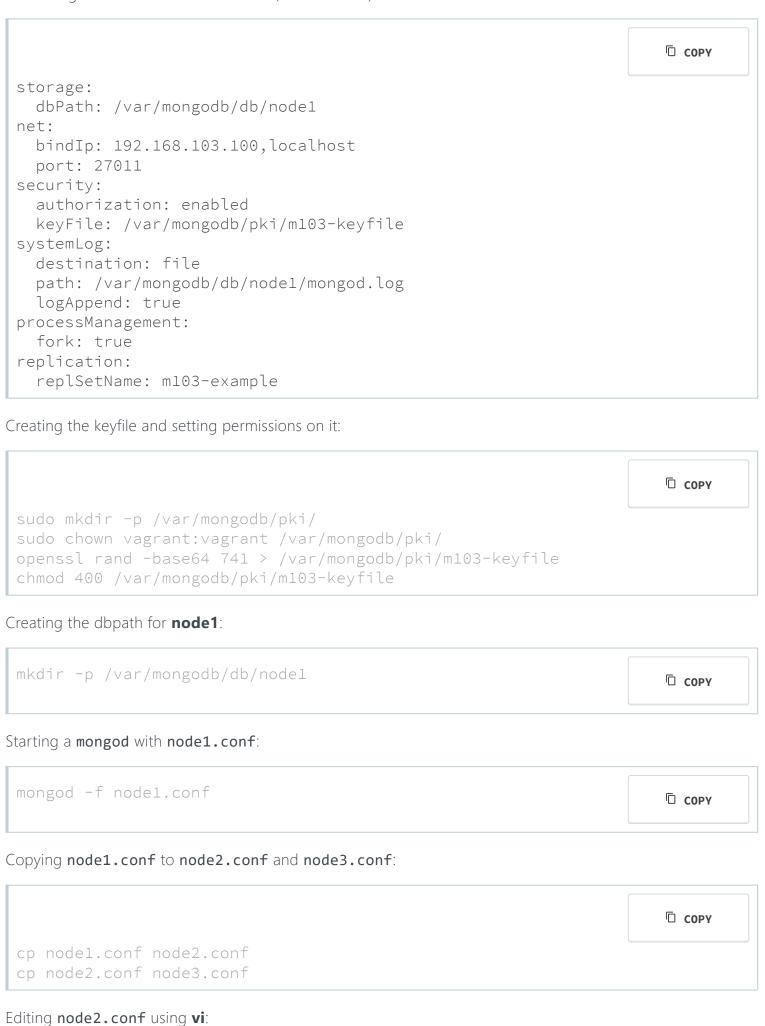
Frrata

At minute 1:08, Matt shows how to change the key file permissions to allow the mongod process to read the file using way too permissive mode, 600. A more correct permission set would be to use 400. We've reflected that in the lecture instructions below.

Lecture Instructions

The configuration file for the first node (node1.conf):



vi node2.conf COPY

```
Saving the file and exiting vi:
 :wq
                                                                            □ сору
node2.conf, after changing the dbpath, port, and logpath:
                                                                            COPY
 storage:
   dbPath: /var/mongodb/db/node2
 net:
   bindIp: 192.168.103.100, localhost
   port: 27012
 security:
   keyFile: /var/mongodb/pki/m103-keyfile
 systemLog:
   destination: file
   path: /var/mongodb/db/node2/mongod.log
   logAppend: true
 processManagement:
   fork: true
 replication:
   replSetName: m103-example
node3.conf, after changing the dbpath, port, and logpath:
                                                                            □ сору
 storage:
   dbPath: /var/mongodb/db/node3
   bindIp: 192.168.103.100, localhost
   port: 27013
 security:
   keyFile: /var/mongodb/pki/m103-keyfile
 systemLog:
   destination: file
   path: /var/mongodb/db/node3/mongod.log
   logAppend: true
 processManagement:
   fork: true
 replication:
   replSetName: m103-example
Creating the data directories for node2 and node3:
 mkdir /var/mongodb/db/{node2,node3}
                                                                           □ сору
Starting mongod processes with node2.conf and node3.conf:
                                                                           □ сору
 mongod -f node2.conf
 mongod -f node3.conf
Connecting to node1:
 mongo --port 27011
                                                                            COPY
```

```
Initiating the replica set:
 rs.initiate()
                                                                                 □ сору
Creating a user:
                                                                                 □ сору
 use admin
 db.createUser({
   user: "m103-admin",
   pwd: "m103-pass",
   roles: [
     {role: "root", db: "admin"}
   7
 })
Exiting out of the Mongo shell and connecting to the entire replica set:
                                                                                 □ сору
 exit
 mongo --host "m103-example/192.168.103.100:27011" -u "m103-admin"
 -p "m103-pass" --authenticationDatabase "admin"
Getting replica set status:
 rs.status()
                                                                                 □ сору
Adding other members to replica set:
                                                                                 □ сору
 rs.add("m103.mongodb.university:27012")
 rs.add("m103.mongodb.university:27013")
Getting an overview of the replica set topology:
 rs.isMaster()
                                                                                 □ сору
Stepping down the current primary:
 rs.stepDown()
                                                                                 □ сору
Checking replica set overview after election:
 rs.isMaster()
                                                                                 □ сору
```