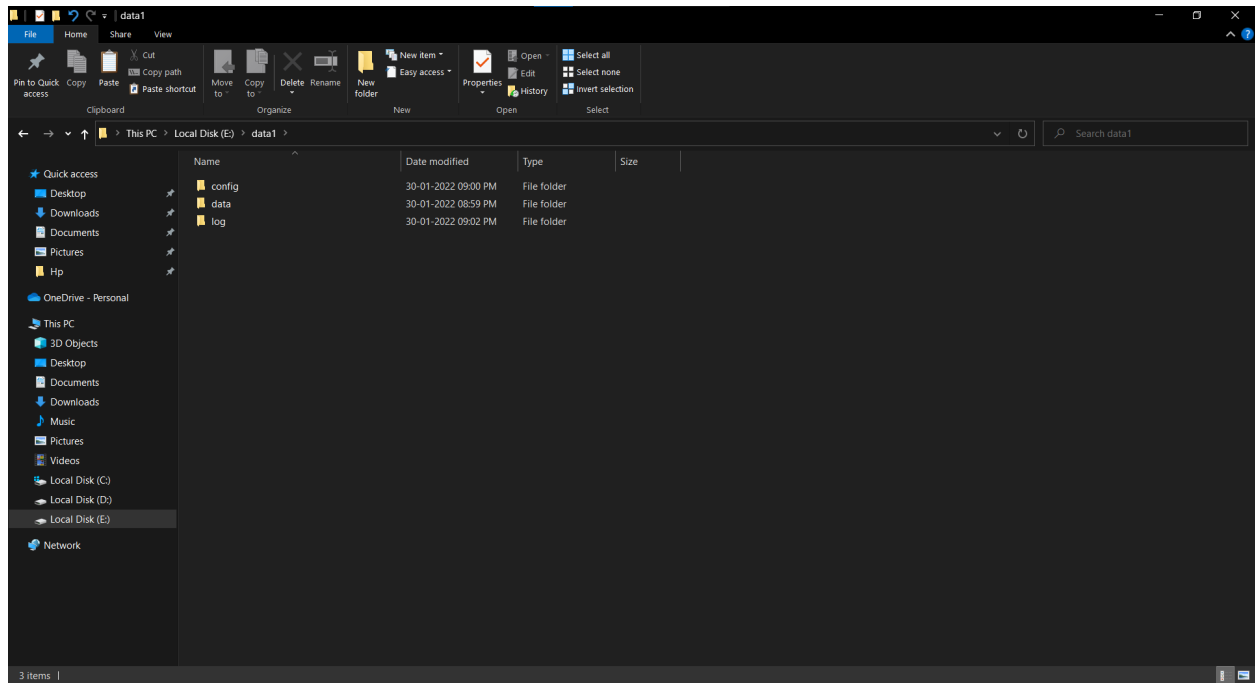



MongoDB Replica

Create data1 and data 2 with config, log and data folders



Name	Date modified	Type	Size
 config.cfg	30-01-2022 09:01 PM	Configuration Sou...	1 KB

config.cfg

```
dbpath=E:\data1\db
logpath=E:\data1\log\mongod.log\
port=27030
```

```
C:\Users\Hp>cd "C:\Program Files\MongoDB\Server\5.0\bin"
```

```
C:\Program Files\MongoDB\Server\5.0\bin>mongod --dbpath "C:\Program Files\Mo
ngoDB\Server\5.0\data" --logpath "C:\Program Files\MongoDB\Server\5.0\log\mo
ngod.log" --port 27017 --storageEngine=wiredTiger --journal --replSet tk
{"t":{"$date":"2022-01-30T15:37:58.939Z"},"s":"I", "c":"CONTROL", "id":206
97, "ctx":"-", "msg":"Renamed existing log file", "attr":{"oldLogPath":"C:\\
Program Files\\MongoDB\\Server\\5.0\\log\\mongod.log", "newLogPath":"C:\\Prog
ram Files\\MongoDB\\Server\\5.0\\log\\mongod.log.2022-01-30T15-37-58"}}}
```

Open Mongo

```
> show dbs
uncaught exception: Error: listDatabases failed:{
  "topologyVersion" : {
    "processId" : ObjectId("61f6b0d62dc92f1202d20f98"),
    "counter" : NumberLong(1)
  },
  "ok" : 0,
  "errmsg" : "not master and slaveOk=false",
  "code" : 13435,
  "codeName" : "NotPrimaryNoSecondaryOk"
} :
_getErrorWithCode@src/mongo/shell/utils.js:25:13
Mongo.prototype.getDBs/<@src/mongo/shell/mongo.js:145:19
Mongo.prototype.getDBs@src/mongo/shell/mongo.js:97:12
shellHelper.show@src/mongo/shell/utils.js:956:13
shellHelper@src/mongo/shell/utils.js:838:15
@(shellhelp2):1:1
```

```
> rsconf={_id:"tk",members:[{_id:0,host:"localhost:27017"}]}
{
  "_id" : "tk",
  "members" : [
    {
      "_id" : 0,
      "host" : "localhost:27017"
    }
  ]
}
> |
```

```
> rs.initiate(rsconf)
{ "ok" : 1 }
tk:SECONDARY>
tk:PRIMARY> show dbs
admin      0.000GB
config     0.000GB
local      0.000GB
```

Run mongod for secondary servers:

```
C:\Users\Hp>mongod --dbpath "E:\data1\db" --logpath "E:\data1\log\mongod.log"
--port 27030 --storageEngine=wiredTiger --journal --replSet tk
{"t":{"$date":"2022-01-30T17:37:01.700Z"},"s":"I", "c":"CONTROL", "id":20697,
"ctx":"-", "msg":"Renamed existing log file", "attr":{"oldLogPath":"E:\\data1\\log\\mongod.log", "newLogPath":"E:\\data1\\log\\mongod.log.2022-01-30T17-37-01"}}
|
```

```
C:\Users\Hp>mongod --dbpath "E:\data2\db" --logpath "E:\data2\log\mongod.log"
--port 27021 --storageEngine=wiredTiger --journal --replSet tk
{"t":{"$date":"2022-01-30T17:41:21.961Z"},"s":"I", "c":"CONTROL", "id":20697,
"ctx":"-", "msg":"Renamed existing log file", "attr":{"oldLogPath":"E:\\data2\\log\\mongod.log", "newLogPath":"E:\\data2\\log\\mongod.log.2022-01-30T17-41-21"}}
|
```

```
tk:PRIMARY> rs.add("localhost:27030")
{
  "ok" : 1,
  "$clusterTime" : {
    "clusterTime" : Timestamp(1643564399, 1),
    "signature" : {
      "hash" : BinData(0,"AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA="),
      "keyId" : NumberLong(0)
    }
  },
  "operationTime" : Timestamp(1643564399, 1)
}
```

```
> rs.slaveOk()
WARNING: slaveOk() is deprecated and may be removed in the next major release. Please use secondaryOk() instead.
tk:SECONDARY> show dbs
admin      0.000GB
config     0.000GB
local      0.000GB
```