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Prodi : D3-Manajemen Informatika

```
C:\Users\ASUSP>mongo
MongoDB shell version v4.0.6
connecting to: mongod://127.0.0.1:27017/?gssapiServiceName=mongod
Implicit session: session { "id" : UUID("9b5f0f98-d7f1-47f1-870f-7a7bfa9c67f8") }
```

```
> conn1 = new Mongo("localhost:20000")
connection to localhost:20000
> primaryDB = conn1.getDB("test")
test
```

```
> primaryDB.isMaster()
{
  "hosts" : [
    "ASUSP-PC:20000",
    "ASUSP-PC:20001",
    "ASUSP-PC:20002"
  ],
  "setName" : "__unknown_name__",
  "setVersion" : 2,
  "ismaster" : true,
  "secondary" : false,
  "primary" : "ASUSP-PC:20000",
  "me" : "ASUSP-PC:20000",
  "electionId" : ObjectId("7fffffff00000000000000000001"),
  "lastWrite" : {
    "opTime" : {
      "ts" : Timestamp(1556340552, 1),
      "t" : NumberLong(1)
    },
    "lastWriteDate" : ISODate("2019-04-27T04:49:12Z"),
    "majorityOpTime" : {
      "ts" : Timestamp(1556340552, 1),
      "t" : NumberLong(1)
    },
    "majorityWriteDate" : ISODate("2019-04-27T04:49:12Z")
  },
  "maxBsonObjectSize" : 16777216,
  "maxMessageSizeBytes" : 48000000,
  "maxWriteBatchSize" : 100000,
  "localTime" : ISODate("2019-04-27T04:51:49.404Z"),
  "logicalSessionTimeoutMinutes" : 30,
  "minWireVersion" : 0,
  "maxWireVersion" : 7,
  "readOnly" : false,
  "ok" : 1,
  "operationTime" : Timestamp(1556340552, 1),
  "$clusterTime" : {
    "clusterTime" : Timestamp(1556340552, 1),
    "signature" : {
      "hash" : BinData(0,"AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA"),
      "keyId" : NumberLong(0)
    }
  }
}
```

```

> for(i=0;i<10;i++){primaryDB.coll.insert(<<count:i>>)}
WriteResult(<< "nInserted" : 1 >>)
> primaryDB.coll.count()
10
> conn2 = new Mongo("localhost:20000")
connection to localhost:20000
> secondaryDB = conn2.getDB("test")
test
> secondaryDB.coll.find()
Error: error doing query: failed: network error while attempting to run command
'find' on host 'localhost:20000'
> secondaryDB.coll.find()
2019-04-26T22:13:20.778-0700 I NETWORK [js] trying reconnect to localhost:20000
failed
2019-04-26T22:13:20.790-0700 I NETWORK [js] reconnect localhost:20000 ok
Error: error: {
  "operationTime" : Timestamp<1556341563, 1>,
  "ok" : 0,
  "errmsg" : "not master and slaveOk=false",
  "code" : 13435,
  "codeName" : "NotMasterNoSlaveOk",
  "$clusterTime" : {
    "clusterTime" : Timestamp<1556341563, 1>,
    "signature" : {
      "hash" : BinData<0,"AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA=">,
      "keyId" : NumberLong<0>
    }
  }
}
}

```

```

> conn2.setSlaveOk()
> secondaryDB.coll.find()
< "_id" : ObjectId<"5cc3e22a71ddd1fed20ca917">, "count" : 0 >
< "_id" : ObjectId<"5cc3e22a71ddd1fed20ca918">, "count" : 1 >
< "_id" : ObjectId<"5cc3e22a71ddd1fed20ca919">, "count" : 2 >
< "_id" : ObjectId<"5cc3e22a71ddd1fed20ca91a">, "count" : 3 >
< "_id" : ObjectId<"5cc3e22a71ddd1fed20ca91b">, "count" : 4 >
< "_id" : ObjectId<"5cc3e22a71ddd1fed20ca91c">, "count" : 5 >
< "_id" : ObjectId<"5cc3e22a71ddd1fed20ca91d">, "count" : 6 >
< "_id" : ObjectId<"5cc3e22a71ddd1fed20ca91e">, "count" : 7 >
< "_id" : ObjectId<"5cc3e22a71ddd1fed20ca91f">, "count" : 8 >
< "_id" : ObjectId<"5cc3e22a71ddd1fed20ca920">, "count" : 9 >
> secondaryDB.coll.count()
10
> secondaryDB.coll.insert(<<"count:20001">>)
2019-04-26T22:16:34.575-0700 E QUERY [js] SyntaxError: unterminated string li
teral @<shell>:1:25
> secondaryDB.coll.insert(<<"count:20000">>)
2019-04-26T22:16:42.655-0700 E QUERY [js] SyntaxError: unterminated string li
teral @<shell>:1:25
> secondaryDB.coll.insert(<<"count":20000>>)
WriteCommandError<<
  "operationTime" : Timestamp<1556341563, 1>,
  "ok" : 0,
  "errmsg" : "not master",
  "code" : 10107,
  "codeName" : "NotMaster",
  "$clusterTime" : {
    "clusterTime" : Timestamp<1556341563, 1>,
    "signature" : {
      "hash" : BinData<0,"AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA=">,
      "keyId" : NumberLong<0>
    }
  }
}
>
>>

```

```
> secondaryDB.coll.insert(<<"count":20001>>)
WriteCommandError<<
  "operationTime" : Timestamp<1556341563, 1>,
  "ok" : 0,
  "errmsg" : "not master",
  "code" : 10107,
  "codeName" : "NotMaster",
  "$clusterTime" : {
    "clusterTime" : Timestamp<1556341563, 1>,
    "signature" : {
      "hash" : BinData<0,"AAAAAAAAAAAAAAAAAAAAAAAAAAAA=">,
      "keyId" : NumberLong<0>
    }
  }
>>
```

```
> secondaryDB.runCommand(<<"getLastError":1>>)
<
  "connectionId" : 22,
  "err" : "not master",
  "code" : 10107,
  "codeName" : "NotMaster",
  "n" : 0,
  "ok" : 1,
  "operationTime" : Timestamp<1556341563, 1>,
  "$clusterTime" : {
    "clusterTime" : Timestamp<1556341563, 1>,
    "signature" : {
      "hash" : BinData<0,"AAAAAAAAAAAAAAAAAAAAAAAAAAAA=">,
      "keyId" : NumberLong<0>
    }
  }
>
```

```
> secondaryDB.adminCommand(<<"shutdown":1>>)
2019-04-26T22:19:25.242-0700 E QUERY [js] Error: error doing query: failed: network error while attempting to run command 'shutdown' on host 'localhost:20000'
DB.prototype.runCommand@src/mongo/shell/db.js:168:1
DB.prototype.adminCommand@src/mongo/shell/db.js:186:16
@<shell>:1:1
> primaryDB.adminCommand(<<"shutdown" : 1>>)
2019-04-26T22:20:01.616-0700 E QUERY [js] Error: error doing query: failed: network error while attempting to run command 'shutdown' on host 'localhost:20000'
DB.prototype.runCommand@src/mongo/shell/db.js:168:1
DB.prototype.adminCommand@src/mongo/shell/db.js:186:16
@<shell>:1:1
> secondaryDB.isMaster<>
2019-04-26T22:20:37.884-0700 I NETWORK [js] trying reconnect to localhost:20000 failed
2019-04-26T22:20:38.895-0700 I NETWORK [js] reconnect localhost:20000 failed failed
2019-04-26T22:20:38.922-0700 E QUERY [js] Error: socket exception [CONNECT_ERROR] server [couldn't connect to server localhost:20000, connection attempt failed: SocketException: Error connecting to localhost:20000 (127.0.0.1:20000) :: caused by :: No connection could be made because the target machine actively refused it.]
runClientFunctionWithRetries@src/mongo/shell/session.js:349:27
runCommand@src/mongo/shell/session.js:443:25
DB.prototype._runCommandImpl@src/mongo/shell/db.js:145:16
DB.prototype.runCommand@src/mongo/shell/db.js:161:20
DB.prototype.isMaster@src/mongo/shell/db.js:1045:16
@<shell>:1:1
>
```