mongod --port 27017 --dbpath ~/Desktop/MongoDB/db0 --replSet rs0 --bind\_ip localhost --fork --logpath ~/Desktop/MongoDB/db0.log

mongod --port 27018 --dbpath ~/Desktop/MongoDB/db1 --replSet rs0 --bind\_ip localhost --fork --logpath ~/Desktop/MongoDB/db1.log

mongod --port 27019 --dbpath ~/Desktop/MongoDB/db2 --replSet rs0 --bind\_ip localhost --fork --logpath ~/Desktop/MongoDB/db2.log

about to fork child process, waiting until server is ready for connections.

forked process: 43971

ERROR: child process failed, exited with 1

To see additional information in this output, start without the "--fork" option.

about to fork child process, waiting until server is ready for connections.

forked process: 43974

child process started successfully, parent exiting

about to fork child process, waiting until server is ready for connections.

forked process: 43978

child process started successfully, parent exiting

m mongosh --port 27017 --eval "rs.initiate({

\_id: 'rs0',

members: [

{\_id: 0, host: 'localhost:27017'},

{\_id: 1, host: 'localhost:27018'},

{\_id: 2, host: 'localhost:27019'}

]

})"

{

ok: 1,

'$clusterTime': {

clusterTime: Timestamp({ t: 1750075121, i: 1 }),

signature: {

hash: Binary.createFromBase64('AAAAAAAAAAAAAAAAAAAAAAAAAAA=', 0),

keyId: Long('0')

}

},

operationTime: Timestamp({ t: 1750075121, i: 1 })

}

mongosh --port 27017 --eval "rs.status()"

{

set: 'rs0',

date: ISODate('2025-06-16T11:59:37.137Z'),

myState: 1,

term: Long('1'),

syncSourceHost: '',

syncSourceId: -1,

heartbeatIntervalMillis: Long('2000'),

majorityVoteCount: 2,

writeMajorityCount: 2,

votingMembersCount: 3,

writableVotingMembersCount: 3,

optimes: {

lastCommittedOpTime: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

lastCommittedWallTime: ISODate('2025-06-16T11:59:32.217Z'),

readConcernMajorityOpTime: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

appliedOpTime: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

durableOpTime: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

writtenOpTime: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

lastAppliedWallTime: ISODate('2025-06-16T11:59:32.217Z'),

lastDurableWallTime: ISODate('2025-06-16T11:59:32.217Z'),

lastWrittenWallTime: ISODate('2025-06-16T11:59:32.217Z')

},

lastStableRecoveryTimestamp: Timestamp({ t: 1750075121, i: 1 }),

electionCandidateMetrics: {

lastElectionReason: 'electionTimeout',

lastElectionDate: ISODate('2025-06-16T11:58:52.077Z'),

electionTerm: Long('1'),

lastCommittedOpTimeAtElection: { ts: Timestamp({ t: 1750075121, i: 1 }), t: Long('-1') },

lastSeenWrittenOpTimeAtElection: { ts: Timestamp({ t: 1750075121, i: 1 }), t: Long('-1') },

lastSeenOpTimeAtElection: { ts: Timestamp({ t: 1750075121, i: 1 }), t: Long('-1') },

numVotesNeeded: 2,

priorityAtElection: 1,

electionTimeoutMillis: Long('10000'),

numCatchUpOps: Long('0'),

newTermStartDate: ISODate('2025-06-16T11:58:52.170Z'),

wMajorityWriteAvailabilityDate: ISODate('2025-06-16T11:58:52.643Z')

},

members: [

{

\_id: 0,

name: 'localhost:27017',

health: 1,

state: 1,

stateStr: 'PRIMARY',

uptime: 84,

optime: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

optimeDate: ISODate('2025-06-16T11:59:32.000Z'),

optimeWritten: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

optimeWrittenDate: ISODate('2025-06-16T11:59:32.000Z'),

lastAppliedWallTime: ISODate('2025-06-16T11:59:32.217Z'),

lastDurableWallTime: ISODate('2025-06-16T11:59:32.217Z'),

lastWrittenWallTime: ISODate('2025-06-16T11:59:32.217Z'),

syncSourceHost: '',

syncSourceId: -1,

infoMessage: 'Could not find member to sync from',

electionTime: Timestamp({ t: 1750075132, i: 1 }),

electionDate: ISODate('2025-06-16T11:58:52.000Z'),

configVersion: 1,

configTerm: 1,

self: true,

lastHeartbeatMessage: ''

},

{

\_id: 1,

name: 'localhost:27018',

health: 1,

state: 2,

stateStr: 'SECONDARY',

uptime: 55,

optime: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

optimeDurable: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

optimeWritten: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

optimeDate: ISODate('2025-06-16T11:59:32.000Z'),

optimeDurableDate: ISODate('2025-06-16T11:59:32.000Z'),

optimeWrittenDate: ISODate('2025-06-16T11:59:32.000Z'),

lastAppliedWallTime: ISODate('2025-06-16T11:59:32.217Z'),

lastDurableWallTime: ISODate('2025-06-16T11:59:32.217Z'),

lastWrittenWallTime: ISODate('2025-06-16T11:59:32.217Z'),

lastHeartbeat: ISODate('2025-06-16T11:59:36.156Z'),

lastHeartbeatRecv: ISODate('2025-06-16T11:59:36.668Z'),

pingMs: Long('0'),

lastHeartbeatMessage: '',

syncSourceHost: 'localhost:27017',

syncSourceId: 0,

infoMessage: '',

configVersion: 1,

configTerm: 1

},

{

\_id: 2,

name: 'localhost:27019',

health: 1,

state: 2,

stateStr: 'SECONDARY',

uptime: 55,

optime: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

optimeDurable: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

optimeWritten: { ts: Timestamp({ t: 1750075172, i: 1 }), t: Long('1') },

optimeDate: ISODate('2025-06-16T11:59:32.000Z'),

optimeDurableDate: ISODate('2025-06-16T11:59:32.000Z'),

optimeWrittenDate: ISODate('2025-06-16T11:59:32.000Z'),

lastAppliedWallTime: ISODate('2025-06-16T11:59:32.217Z'),

lastDurableWallTime: ISODate('2025-06-16T11:59:32.217Z'),

lastWrittenWallTime: ISODate('2025-06-16T11:59:32.217Z'),

lastHeartbeat: ISODate('2025-06-16T11:59:36.156Z'),

lastHeartbeatRecv: ISODate('2025-06-16T11:59:36.669Z'),

pingMs: Long('0'),

lastHeartbeatMessage: '',

syncSourceHost: 'localhost:27017',

syncSourceId: 0,

infoMessage: '',

configVersion: 1,

configTerm: 1

}

],

ok: 1,

'$clusterTime': {

clusterTime: Timestamp({ t: 1750075172, i: 1 }),

signature: {

hash: Binary.createFromBase64('AAAAAAAAAAAAAAAAAAAAAAAAAAA=', 0),

keyId: Long('0')

}

},

operationTime: Timestamp({ t: 1750075172, i: 1 })

}