**MongoDB MANUAL Clusturing (Sharding) Scripts**

1. **Create Network Cluster**

//CLUSTER\_Node-1

mongod.exe --shardsvr --port 27017 --logpath "c:\data\log\log11.log" --logappend --dbpath "c:\data\s1\d1" --replSet myshed1

mongod.exe --shardsvr --port 27117 --logpath "c:\data\log\log12.log" --logappend --dbpath "c:\data\s1\d2" --replSet myshed1

mongod.exe --shardsvr --port 27217 --logpath "c:\data\log\log13.log" --logappend --dbpath "c:\data\s3\d3" --replSet myshed1

//CLUSTER\_Node-2

mongod.exe --shardsvr --port 27018 --logpath "c:\data\log\log21.log" --logappend --dbpath "c:\data\s2\d1" --replSet myshed2

mongod.exe --shardsvr --port 27118 --logpath "c:\data\log\log22.log" --logappend --dbpath "c:\data\s2\d2" --replSet myshed2

mongod.exe --shardsvr --port 27218 --logpath "c:\data\log\log23.log" --logappend --dbpath "c:\data\s2\d3" --replSet myshed2

//CLUSTER\_Node-3

mongod.exe --shardsvr --port 27019 --logpath "c:\data\log\log31.log" --logappend --dbpath "c:\data\s3\d1" --replSet myshed3

mongod.exe --shardsvr --port 27119 --logpath "c:\data\log\log32.log" --logappend --dbpath "c:\data\s3\d2" --replSet myshed3

mongod.exe --shardsvr --port 27219 --logpath "c:\data\log\log33.log" --logappend --dbpath "c:\data\s3\d3" --replSet myshed3

mongo.exe --host 192.168.0.11 --port 27017

mongo.exe --host 192.168.0.11 --port 27117

mongo.exe --host 192.168.0.11 --port 27217

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

conf1={\_id: "myshed1",members: [{ \_id : 0, host : "localhost:27017" },{ \_id : 1, host : "localhost:27117" },{ \_id : 2, host : "localhost:27217" }]

}

rs.initiate(conf1);

conf2={\_id: "myshed2",

members: [

{ \_id : 0, host : "localhost:27018" },

{ \_id : 1, host : "localhost:27118" },

{ \_id : 2, host : "localhost:27218" }

]

}

rs.initiate(conf2);

conf3={\_id: "myshed3",

members: [

{ \_id : 0, host : "localhost:27019" },

{ \_id : 1, host : "localhost:27119" },

{ \_id : 2, host : "localhost:27219" }

]

}