

MongoDB MANUAL Clustering (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" }  
]  
}
```