

```

[direct: mongos] test> sh.status()
shardingVersion
{ _id: 1, clusterId: ObjectId('684c2e514d94bbb3c4b7abf2') }
---
shards
[
  {
    _id: 'shard1Rep1Set',
    host: 'shard1Rep1Set/localhost:27022,localhost:27023,localhost:27024',
    state: 1,
    topologyTime: Timestamp({ t: 1749823510, i: 10 }),
    replSetConfigVersion: Long(-1)
  },
  {
    _id: 'shard2Rep1Set',
    host: 'shard2Rep1Set/localhost:27025,localhost:27026,localhost:27027',
    state: 1,
    topologyTime: Timestamp({ t: 1749823517, i: 9 }),
    replSetConfigVersion: Long(-1)
  }
]
---
active mongoses
[ { '8.0.9': 1 } ]
---
autosplit
{ 'Currently enabled': 'yes' }
---
balancer
{
  'Currently enabled': 'yes',
  'Currently running': 'no',
  'Failed balancer rounds in last 5 attempts': 0,
  'Migration Results for the last 24 hours': 'No recent migrations'
}
---
shardedDataDistribution
[
  {
    ns: 'testDB.testCollection',
    shards: [
      {
        shardName: 'shard2Rep1Set',
        numOrphanedDocs: 0,
        numOwnedDocuments: 0,
        ownedSizeBytes: 0,
        orphanedSizeBytes: 0
      },
      {
        shardName: 'shard1Rep1Set',
        numOrphanedDocs: 0,
        numOwnedDocuments: 0,
        ownedSizeBytes: 0,
        orphanedSizeBytes: 0
      }
    ]
  }
]
---
databases
[
  {
    database: { _id: 'config', primary: 'config', partitioned: true },
    collections: {}
  },
  {
    database: {
      _id: 'testDB',
      primary: 'shard2Rep1Set',
      versions: {
        uuid: UUID('af4c045b-078e-4938-8f04-71b0e15c948c'),
        timestamp: Timestamp({ t: 1749823531, i: 2 }),
        lastMod: 1
      }
    },
    collections: {
      'testDB.testCollection': {
        shardKey: { _id: 'hashed' },
        unique: false,
        balancing: true,
        chunkMetadata: [
          { shard: 'shard1Rep1Set', nChunks: 1 },
          { shard: 'shard2Rep1Set', nChunks: 1 }
        ],
        chunks: [
          { min: { _id: MinKey() }, max: { _id: Long('0') }, 'on shard': 'shard1Rep1Set', 'last modified': Timestamp({ t: 1, i: 0 }) },
          { min: { _id: Long('0') }, max: { _id: MaxKey() }, 'on shard': 'shard2Rep1Set', 'last modified': Timestamp({ t: 1, i: 1 }) }
        ],
        tags: []
      }
    }
  }
]
---
[direct: mongos] testDB> for (let i = 0; i < 5; i++) {db.testCollection.insert({userId: i,data: "Sample data " + i,timestamp: new Date()});}
{
  acknowledged: true,
  insertedIds: { '0': ObjectId('684c344b456653e561d99d4') }
}

```

//CHECK DISTRUBTION

```

[direct: mongos] testDB> db.testCollection.getShardDistribution()
Shard shard1Rep1Set at shard1Rep1Set/localhost:27022,localhost:27023,localhost:27024
{
  data: '618KiB',
  docs: 8176,
  chunks: 1,
  'estimated data per chunk': '618KiB',
  'estimated docs per chunk': 8176
}
---
Shard shard2Rep1Set at shard2Rep1Set/localhost:27025,localhost:27026,localhost:27027
{
  data: '685KiB',
  docs: 8802,
  chunks: 1,
  'estimated data per chunk': '685KiB',
  'estimated docs per chunk': 8802
}
---
Totals
{
  data: '1.19MiB',
  docs: 16178,
  chunks: 2,
  'Shard shard1Rep1Set': [
    '50.52 % data',
    '50.53 % docs in cluster',
    '778 avg obj size on shard'
  ],
  'Shard shard2Rep1Set': [
    '49.47 % data',
    '49.46 % docs in cluster',
    '778 avg obj size on shard'
  ]
}

```