

Install the latest PowerShell for new features and improvements! <https://aka.ms/PSWindows>

PS C:\Windows\system32> # Config Servers

>> mkdir C:\data\cfg1, C:\data\cfg2, C:\data\cfg3

>>

>> # Shard 1 (3 nodes)

>> mkdir C:\data\shard1_1, C:\data\shard1_2, C:\data\shard1_3

>>

>> # Shard 2 (3 nodes)

>> mkdir C:\data\shard2_1, C:\data\shard2_2, C:\data\shard2_3

>>

>> # Mongos log directory (optional)

>> mkdir C:\data\mongos

>>

Directory: C:\data

Mode	LastWriteTime		Length	Name
----	-----	-----	-----	----
d-----	15-06-2025	19:15		cfg1
d-----	15-06-2025	19:15		cfg2
d-----	15-06-2025	19:15		cfg3
d-----	15-06-2025	19:15		shard1_1
d-----	15-06-2025	19:15		shard1_2
d-----	15-06-2025	19:15		shard1_3
d-----	15-06-2025	19:15		shard2_1
d-----	15-06-2025	19:15		shard2_2
d-----	15-06-2025	19:15		shard2_3
d-----	15-06-2025	19:15		mongos

PS C:\Windows\system32> mongod --configsvr --replSet configReplSet --port 27019 --dbpath C:\data\cfg1 --bind_ip localhost

>>

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PS C:\Windows\system32> mongod --configsvr --replSet configReplSet --port 27020 --dbpath C:\data\cfg2 --bind_ip localhost

>>

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PS C:\Windows\system32> mongod --configsvr --replSet configReplSet --port 27021 --dbpath C:\data\cfg3 --bind_ip localhost

>>

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```
PS C:\Windows\system32> mongo --port 27019
>> rs.initiate({
>>   _id: "configRepSet",
>>   configsvr: true,
>>   members: [
>>     { _id: 0, host: "localhost:27019" },
>>     { _id: 1, host: "localhost:27020" },
>>     { _id: 2, host: "localhost:27021" }
>>   ]
>> })
>>
mongo : The term 'mongo' is not recognized as the name of a cmdlet, function, script file, or operable program. Check
the spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:1 char:1
+ mongo --port 27019
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (mongo:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

rs.initiate : The term 'rs.initiate' is not recognized as the name of a cmdlet, function, script file, or operable
program. Check the spelling of the name, or if a path was included, verify that the path is correct and try again.
At line:2 char:1
+ rs.initiate({
+ ~~~~~
+ CategoryInfo          : ObjectNotFound: (rs.initiate:String) [], CommandNotFoundException
+ FullyQualifiedErrorId : CommandNotFoundException

PS C:\Windows\system32> mongosh --version
>>
2.5.2
PS C:\Windows\system32> mongosh --port 27019
>>
Current Mongosh Log ID: 684ed2f6ff3915380250eb66
Connecting to:      mongodb://127.0.0.1:27019/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.5.2
Using MongoDB:      8.0.9
Using Mongosh:       2.5.2

For mongosh info see: https://www.mongodb.com/docs/mongodb-shell/

To help improve our products, anonymous usage data is collected and sent to MongoDB periodically (https://www.mongodb.com/legal/privacy-policy).
You can opt-out by running the disableTelemetry() command.

-----
The server generated these startup warnings when booting
  2025-06-15T16:24:27.096+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
-----

test> mongosh --port 27017
Uncaught:
```

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```
-----
The server generated these startup warnings when booting
  2025-06-15T16:24:27.096+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
-----

test> mongosh --port 27017
Uncaught:
SyntaxError: Missing semicolon. (1:10)

> 1 | mongosh --port 27017
    |           ^
    2 |

test> mongosh --port 27017;
Uncaught:
SyntaxError: Missing semicolon. (1:10)

> 1 | mongosh --port 27017;
    |           ^
    2 |

test> exit

PS C:\Windows\system32> mongosh --port 27019
>>
Current Mongosh Log ID: 684eda2141191a57d150eb66
Connecting to:      mongodb://127.0.0.1:27019/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.5.2
MongoServerSelectionError: Server selection timed out after 2000 ms
PS C:\Windows\system32> mongosh --port 27019
>>
Current Mongosh Log ID: 684eda2b09a1f8176d50eb66
Connecting to:      mongodb://127.0.0.1:27019/?directConnection=true&serverSelectionTimeoutMS=2000&appName=mongosh+2.5.2
MongoServerSelectionError: Server selection timed out after 2000 ms
PS C:\Windows\system32> rs.initiate({
>>   _id: "configRepSet",
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>>   members: [
>>     { _id: 0, host: "localhost:27019" },
>>     { _id: 1, host: "localhost:27020" },
>>     { _id: 2, host: "localhost:27021" }
>>   ]
>> })
>>
```

```
✖ ▶ MongoServerError[NoReplicationEnabled]: This node was not started with replication enabled.  
> rs.status()  
✖ ▶ MongoServerError[NoReplicationEnabled]: not running with --replSet  
> rs.initiate({  
  _id: "configReplSet",  
  configsvr: true,  
  members: [  
    { _id: 0, host: "localhost:27019" },  
    { _id: 1, host: "localhost:27020" },  
    { _id: 2, host: "localhost:27021" }  
  ]  
})
```

00 ms ✖ **MongoServerError[NoReplicationEnabled]:** This node was not started with replication enabled.
REVIEW
✖ **MongoServerError[NoReplicationEnabled]:** not running with --replSet
vtt ✓