

# How to established MongoDB server connection in MongoDB Compass?

Topics : [MongoDB](#)

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## 1. Check if MongoDB is Running using below cmd

```
sudo systemctl status mongod
```

If **MongoDB is not running**, start it:

```
sudo systemctl start mongod
```

If **MongoDB is disabled**, enable it:

```
sudo systemctl enable mongod
```

## 2. Verify MongoDB is Listening on the Correct IP

```
netstat -tulnp | grep mongod
```

OR

```
ss -tulnp | grep mongod
```

It should show:

```
tcp LISTEN 0 128 0.0.0.0:27017 0.0.0.0:*  
users:(("mongod",pid=1234,fd=11))
```

If it **only** shows 127.0.0.1:27017, MongoDB is **not allowing remote connections**.

Fix: Allow Remote Connections

1. Open MongoDB config file:

```
sudo nano /etc/mongod.conf
```

2. Find this line:

```
bindIp: 127.0.0.1
```

3. Change it to:

```
bindIp: 0.0.0.0
```

4. Save & exit (CTRL + X, then Y, then ENTER).

5. Restart MongoDB:

```
sudo systemctl restart mongod
```

### 3. Open Firewall for MongoDB

```
sudo ufw allow 27017/tcp
```

```
sudo ufw reload
```

**Then check if the firewall is open:**

```
sudo ufw status
```

Ensure you see:

```
27017 ALLOW Anywhere
```

### 4. Test Connection from the Server

Try connecting to MongoDB **locally** from your Ubuntu server:

```
mongosh
use admin
db.runCommand({ connectionStatus: 1 })
```

If this works, MongoDB is running fine locally.

### 5. Use the Correct Connection String in MongoDB Compass

Try connecting with:

```
mongodb://your ip address:27017
```

If MongoDB **has authentication enabled**, use:

```
mongodb://username:password@62.151.177.185:27017/?authSource=admin
```

**Still Not Working?**□□□□□□□□

Run this on your Ubuntu server and share the output:

```
sudo ss -tulnp | grep 27017
sudo ufw status
cat /etc/mongod.conf | grep bindIp
```

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