

Troubleshooting MongoDB

Connection Issues with 'localhost'

If you're experiencing problems connecting to your MongoDB database using the following connection string:

```
const url = "mongodb://localhost:27017/ecomdb";
```

It's worth noting that this error will not be faced if your PC uses **IPv6**. However, if your PC is using IPv4 and the alias name "localhost" isn't assigned to the address "127.0.0.1", your error can look like below:

```
server is listening at port 3000
MongoServerSelectionError: connect ECONNREFUSED ::1:27017
  at Timeout._onTimeout (C:\Users\hp\Downloads\problem\problem\node_modules\mongodb\lib\sdam\topology.js:278:3
8)
    at listOnTimeout (node:internal/timers:569:17)
    at process.processTimers (node:internal/timers:512:7) {
  reason: TopologyDescription {
    type: 'Unknown',
    servers: Map(1) { 'localhost:27017' => [ServerDescription] },
    stale: false,
    compatible: true,
    heartbeatFrequencyMS: 10000,
    localThresholdMS: 15,
    setName: null,
    maxElectionId: null,
    maxSetVersion: null,
    commonWireVersion: 0,
    logicalSessionTimeoutMinutes: null
  },
  code: undefined,
  [Symbol(errorLabels)]: Set(0) {}
}
```

To resolve this issue, consider directly specifying the address in the connection string like this:

```
const url = "mongodb://127.0.0.1:27017/ecomdb";
```

This adjustment can help ensure a smoother connection experience.