

Error 926 - Database 'X' cannot be opened. It has been marked SUSPECT by recovery

Last updated by | Vitor Tomaz | Jun 8, 2022 at 5:36 AM PDT

Contents

- [Issue](#)
- [Investigation/Analysis](#)
- [Mitigation](#)

Issue

In error log you see Error: 926

Database 'X' cannot be opened. It has been marked SUSPECT by recovery. See the SQL Server errorlog for more information.

Investigation/Analysis

Errors like "Database 'replicatedmaster' cannot be opened. It has been marked SUSPECT by recovery." may happen (by design) during a reconfiguration. It occurs in the small timeframe in the last stage of reconfiguration, the old primary is shutting down its log, so if the connection (or any other internal task) tries to open the database, it will fail with that message.

The following Kusto query can help determine when this error occurred.

```
let startTime = datetime('2021-05-17 11:00');
let endTime = datetime('2021-05-17 12:00');
let instanceName = 'X';
MonSQLSystemHealth
| where originalEventTimestamp between (startTime .. endTime)
| where LogicalServerName == tolower(instanceName)
| where message has "Error: 926"
| project originalEventTimestamp, NodeName, AppName, message
```

Mitigation

Check how long the error happened and if duration is small (around less than a couple of minutes, maybe a bit more on edge cases), this is by design, no need to escalate.

How good have you found this content?

