

Quick Scan Report – DBCC CheckDB Never Run

DBCC CheckDB should be run regularly.

The [Quick Scan Reports](#) display an Alert if you have databases that have never had the DBCC database integrity check run.

If you are not running DBCC CheckDB against all of your databases, you could have database corruption and not even know about it.

If database corruption is encountered it is easier to fix if you find out about it early. Over time it tends to get worse and cause more problems.

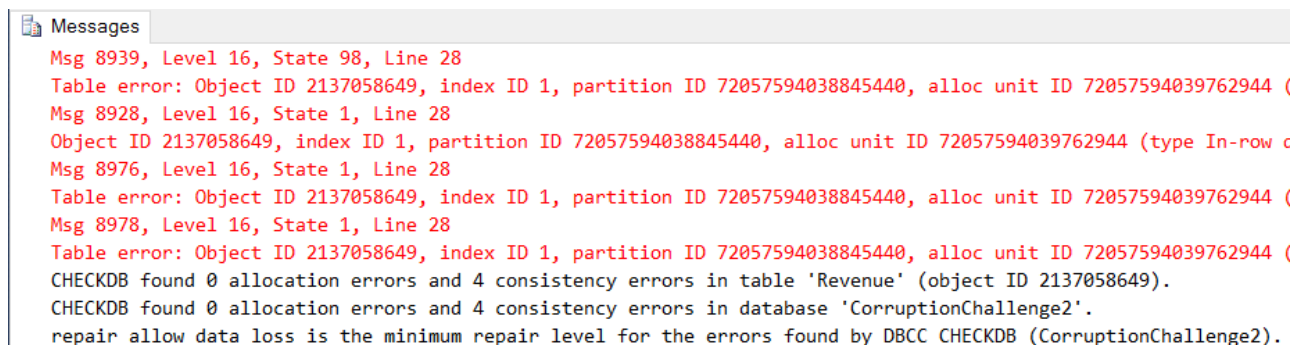
Proactively running DBCC CheckDB against all of your databases is an important thing to do on a regular basis. Every day (or night) during a slower system time would be preferable, but for many once a week will suffice. If you have databases that have never had DBCC CheckDB run, at least running it once would be an improvement, but I would recommend nightly or weekly.

DBCC CheckDB Details

CHECKDB is used to check the physical integrity of the entire database. DBCC CHECKDB is used to detect corruption in the database, and should be run regularly. This is accomplished by running several of the other DBCC commands, then doing some extra verification.

- Runs DBCC CHECKALLOC.
- Runs for every table DBCC CHECKTABLE.
- Runs DBCC CHECKCATALOG.
- Validates the Service Broker data in the database.
- Validates indexed views.

If you encounter corruption you will see output from DBCC CheckDB that looks something like this:



```
Msg 8939, Level 16, State 98, Line 28
Table error: Object ID 2137058649, index ID 1, partition ID 72057594038845440, alloc unit ID 72057594039762944 (
Msg 8928, Level 16, State 1, Line 28
Object ID 2137058649, index ID 1, partition ID 72057594038845440, alloc unit ID 72057594039762944 (type In-row c
Msg 8976, Level 16, State 1, Line 28
Table error: Object ID 2137058649, index ID 1, partition ID 72057594038845440, alloc unit ID 72057594039762944 (
Msg 8978, Level 16, State 1, Line 28
Table error: Object ID 2137058649, index ID 1, partition ID 72057594038845440, alloc unit ID 72057594039762944 (
CHECKDB found 0 allocation errors and 4 consistency errors in table 'Revenue' (object ID 2137058649).
CHECKDB found 0 allocation errors and 4 consistency errors in database 'CorruptionChallenge2'.
repair_allow_data_loss is the minimum repair level for the errors found by DBCC CHECKDB (CorruptionChallenge2).
```

See Also

- Other [Quick Scan Reports](#)
- [Status of DBCC CheckDB](#) Blog Post
- [CheckDB All Databases](#) Blog Post with sample scripts
- [DBCC CheckDB for Database Consistency](#) Blog Post

Need Help

Stedman Solutions, the provider of the Database Health Monitor Application offers [consulting solutions](#), and can help with getting DBCC CheckDB set up correctly, or we can help with database Corruption issues.

The image is a promotional graphic for Stedman Solutions, LLC. It features a green background with a subtle geometric pattern of overlapping hexagons. On the left side, there is a square inset containing a portrait of a man with short, light brown hair and glasses, wearing a dark blue button-down shirt. To the right of the portrait, the text 'Providing SQL Server Solutions' is written in a light green, sans-serif font. Below this, the company name 'Stedman Solutions, LLC.' is displayed in a larger, bold, light green font. A thin horizontal line is positioned just below the company name.