

# Software Review - Stellar Repair for MS SQL

Stellar Repair for MS SQL, Repair Corrupt SQL-Database Components, The following article will guide you how to safely and effectively repair and restore MS SQL using Stellar Repair for MS SQL

## Introduction

while creating MS-SQL Server backups, we have to turn on the "RESTORE VERIFYONLY" option to verify if the database can be restored through backup. During this, we realized that the SQL-Server database was discarded.

The only option was to repair and fix corruption issues in the MS SQL database.

SQL-Server database corruption occurs due to several reasons such as misrepresentation in 'Tables,' 'Index,' Data Page Level misrepresentation, or SQL-Server errors. These errors can be detected in SQL-Server Error Log or through Database Console Command. We tried some commands to check and repair corruption errors in the SQL-database:

1. These commands i.e., DBCC TABLE CHECK - It checks logical and physical consistency of database objects and gives results at the database page level
2. DBCC TABLE REPAIR - It repairs some specific object errors.
3. REPAIR\_REBUILD - It repairs SQL database object errors at the individual level.

## Summary

**Stellar Repair for MS SQL** works on Windows OS that can repair corrupt and inaccessible MDF and NDF files. It can also recover deleted records of SQL-Database. It recovers all database components i.e. including "tables", "triggers", "indexes", "keys", "rules", and "stored procedures". It allows saving the repaired file in MS SQL, "HTML," "XLS," and "CSV" formats.

This is the best solution to repair MS SQL DB, fix SQL database corruption, bring SQL-database from suspect(offline) mode to normal state (online), resolve a variety of errors due to "database corruption," "fix corrupt log" file(.LDF), supports restoration of XML indexes and data types, "column set property," "sparse columns," and file stream data types, save scanned results automatically to resume data recovery at a later stage, etc.

## Resolve SQL-Database Corruption Errors

Resolve a variety of errors due to database corruption in SQLserver i.e., "5171"," 8942", "3414", It is not a primary database file, header file corruption, SQL-database is in suspect mode, "clustered or non-clustered indexing corruption," database in recovery mode, consistency error, schema corruption and much more.It

Restores Objects of MDF and NDF Files. A SQL-Server Database corruption typically affects both the MDF and NDF files. This SQL recovery software can repair corruption in both MDF and NDF files, including all objects in the file. It scans the database for separate entries, corrects bit pattern.

## **Repair Corrupt SQL-Database Components**

It recovers such as "indexes", "Views," "Tables," "Triggers," "Stored Procedures," "Rules", "User-Defined Functions", "Keys and more". In addition, the SQL-Server database recovery tool also supports the recovery of XML indexes and "data types," "column set property," "sparse columns," and file stream data types.

## **Recovers Deleted Records from MS SQL**

It recovers deleted records from a corrupt SQL-database while performing the repair function. It restores all your deleted records without affecting the original place. It also allows you to save the recovered data in a newly created table just beneath the original file.

## **Software working process**

Download and install SQL recovery software. Below are the few steps we followed for the stellarRepair for MS SQL installation.

Step1: Run the step as an administrator a window appears with the name "Setup - Stellar Repair for MS SQL". Click on the "Next".

Picture 1 of Software Review - Stellar Repair for MS SQL

Step2: After press "Next" a window appears which asked you to I accept the agreement and not accepts. Click on I accept the agreement.

Picture 2 of Software Review - Stellar Repair for MS SQL

Step3: After pressing "I accept the agreement" a window appears where you have to create a path for installation.

Picture 3 of Software Review - Stellar Repair for MS SQL

Step4: Now a window appears where the installation will start you have to click only the install button. The installation will start and take a few minutes.

Picture 4 of Software Review - Stellar Repair for MS SQL

Step5: In the end, you have to click only the finish button and software installed now.

#### Picture 5 of Software Review - Stellar Repair for MS SQL

Below is the screenshot which appears after Stellar Repair for MS SQL successfully installed.

#### Picture 6 of Software Review - Stellar Repair for MS SQL

In the above screenshot, a box appears which asks you if already MS SQL Server is running please turn off. You can close this instruction box click "OK" Button.

#### Picture 7 of Software Review - Stellar Repair for MS SQL

After pressing the okay button, you have to select the database from the computer directory. Now click the browse button and select the database file.

#### Picture 8 of Software Review - Stellar Repair for MS SQL

Now you have options if you want to repair the database you can click only repair button. If you to repair database with deleted records you can check to include deleted records.

#### Picture 9 of Software Review - Stellar Repair for MS SQL

After pressing the repair, you can see the progress bar. It depends on the size of the database. After successfully repaired files a window appears where a message shows "repair complete".

#### Picture 10 of Software Review - Stellar Repair for MS SQL

Message Window:

#### Picture 11 of Software Review - Stellar Repair for MS SQL

In the repair complete window, you can click "OK" Button.

#### Picture 12 of Software Review - Stellar Repair for MS SQL

Now you can click save button on the top of the home screen. A new sub-window is opened on the home screen.

#### Picture 13 of Software Review - Stellar Repair for MS SQL

After clicking the save button you can save the file as MDF, CSV, HTML and XLS extension. Enter the server name or instance sub-window. Finally, you click on the Save button.

## Conclusion:

In this article, I describe some problems regarding the MS SQL Server. When we face multiple corruption issues in the database, then with the help of the Stellar Repair for MS SQL, we can fix all the issues. The SQL recovery software is the best for every user.

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