



Narbulut SQL Restore Now

January 2023

WELCOME TO NARBULUT SQL RESTORE NOW USER GUIDE!

This guide includes information about basic matters.

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Introduction

Narbulut SQL Restore Now is a tool that enables you to restore multiple Microsoft SQL backup files to your Microsoft SQL server by a single-click.

Although the application is very easy-to-use, there are some points to be considered. This guide covers topics like how to restore your Microsoft SQL backup files (.bak, .bkf, etc.) using Narbulut SQL Restore Now and solutions to some errors that you may encounter while using the application.

Requirements

Supported Operating Systems

Operating systems supporting Narbulut SQL Restore Now are as follows:

Operating System	Version	Architecture
Windows Client	7 SP1(*), 8.1	x64, x86
Windows 10 Client	Version 1607+	x64, x86, Arm64
Windows 11	Version 22000+	x64, x86, Arm64
Windows Server	2012+	x64, x86
Windows Server Core	2012+	x64, x86
Windows Nano Server	Version 1809+	x64

* Windows 7 SP1 can support only if [Extended Security Updates](#) installed.

Supported Microsoft SQL Versions

Microsoft SQL Server versions supporting Narbulut SQL Restore Now are as follows:

Version
Microsoft SQL Server 2019
Microsoft SQL Server 2017
Microsoft SQL Server 2016
Microsoft SQL Server 2014
Microsoft SQL Server 2012
Microsoft SQL Server 2008 R2
Microsoft SQL Server 2008
Microsoft SQL Server 2005

1. Database Restoration

A. Connecting to the server

In order for Narbulut SQL Restore Now to restore your databases to your Microsoft SQL server, you must provide the following connection information:

- **Server name:** The name of the Microsoft SQL server to be restored.
- **Port:** The communication port of the Microsoft SQL server to be connected. (When left blank, the default port 1433 is used.)
- **Username:** Username of a Microsoft SQL Server user.
- **Password:** Microsoft SQL server user password.

Note: For security reasons, Narbulut recommends that the user to perform restoration has the minimum authorization that will enable them to restore.

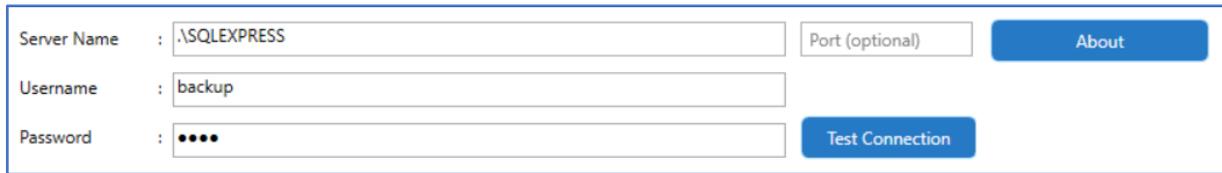
The process for creating the minimum authorized user for database restoration is as follows:

1. Log in to "Microsoft SQL Server Management Studio".
2. Create a new user.
3. Check the "dbcreator" checkbox from the "Server Roles" page.
4. At the bottom of the "Explicit" section of the "Securables" page, mark the "View Server State" authorization as "Grant".

The process for authorizing a user with the minimum authorization for database restoration is as follows:

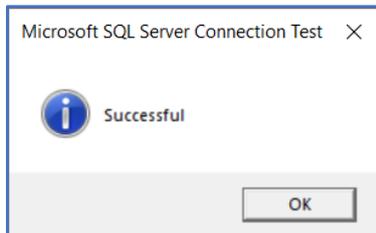
1. Log in to "Microsoft SQL Server Management Studio".
2. Go to Security > Logins and select the user you want to authorize.
3. Right-click on the user and click on "Properties".
4. From the Server Roles page, select "dbcreator".
5. At the bottom of the "Explicit" section of the "Securables" page, mark the "View Server State" authorization as "Grant".

After entering the connection information, test the connection using "Test Connection" button.



The screenshot shows a dialog box for connecting to a Microsoft SQL Server. It contains the following fields and buttons:

- Server Name: .\SQLEXPRESS
- Port (optional): (empty)
- Username: backup
- Password: (masked with four dots)
- Buttons: About, Test Connection

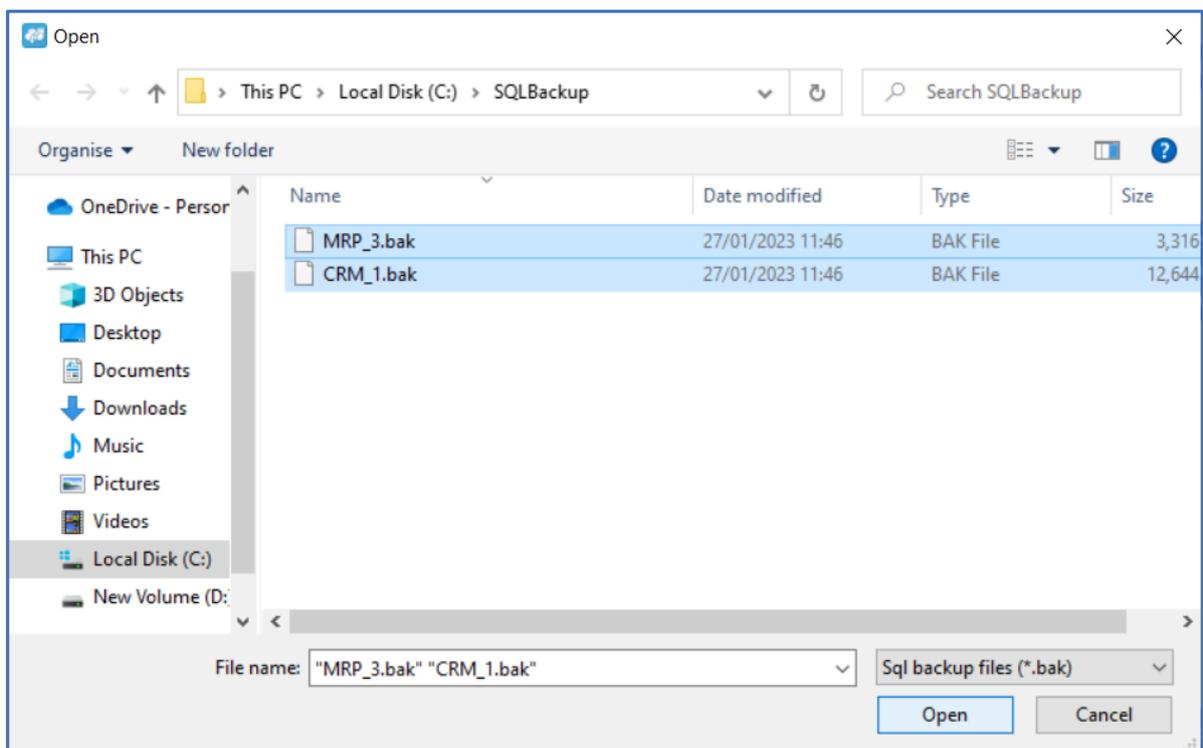


B. Adding the database backups

You can bulk add your Microsoft SQL database backup files that you want to restore and restore all your databases at once.

1. Click on the "Add" button.
2. Open the folder path to your Microsoft SQL database backup files.
3. Select your Microsoft SQL database backup files that you want to restore. (.bak, .bkf)
4. Click on the "Open" button.

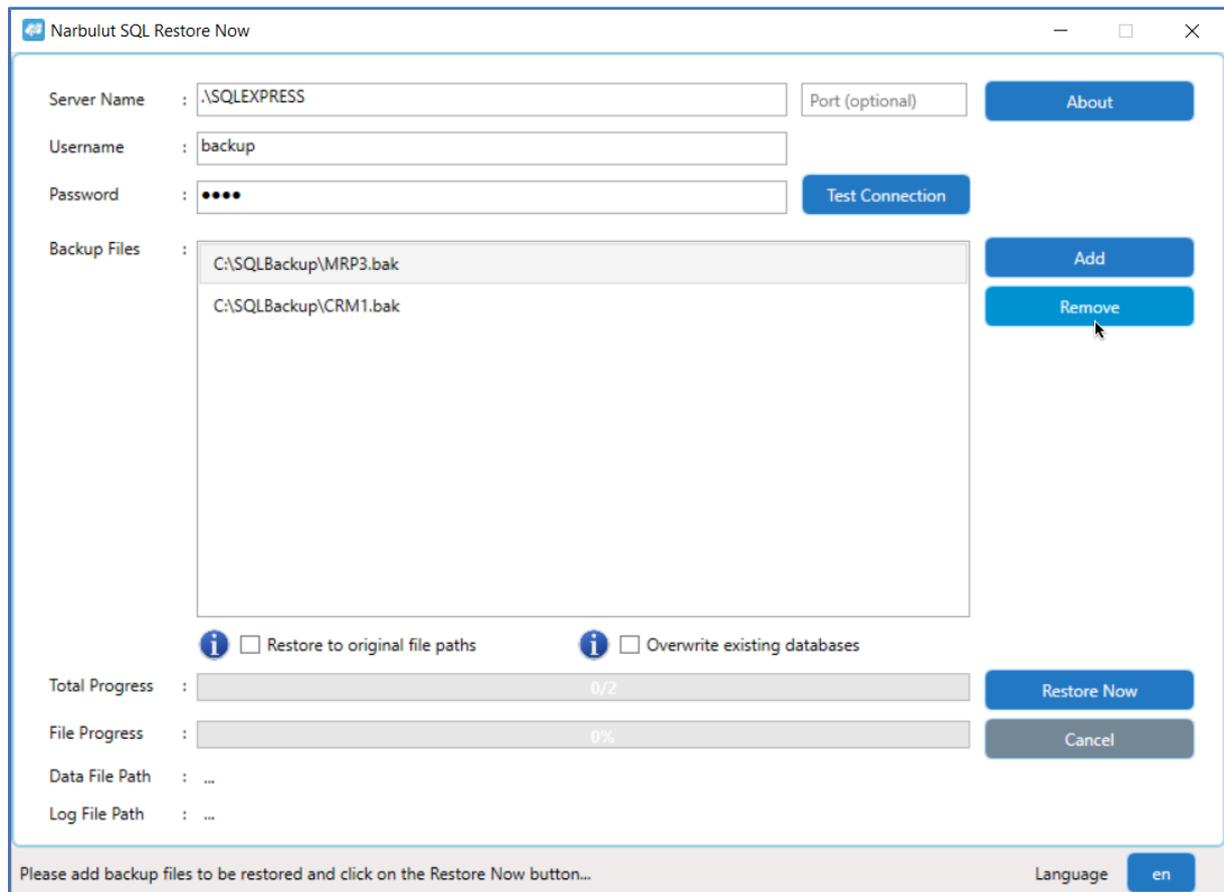
Note: To be able to select Microsoft SQL backup files that do not have a .bak extension, switch the file type to "All files (*.*)".



C. Removing backup files

You can remove Microsoft SQL database backup files that you added by selecting them from the list.

1. Select the files you want to remove from the list.
2. Click on the "Remove" button.



D. Restoring to original file path

You can restore the physical files (.mdf, .ldf) of the Microsoft SQL databases that you backed up to the original data folder or to the default data folder of the Microsoft SQL server.

1. Check the "Restore to original file paths" checkbox.
2. Click on the "Restore Now" button.

Note: If the "Restore to original file paths" box is not checked, the restoration is performed to the default data folder of the Microsoft SQL server.

Narbulut SQL Restore Now

Server Name : \SQLEXPRESS Port (optional) About

Username : backup Test Connection

Password : ●●●●

Backup Files : C:\SQLBackup\MRP3.bak Add
C:\SQLBackup\CRM1.bak Remove

Restore to original file paths Overwrite existing databases

Total Progress : 0/2 Restore Now

File Progress : 0% Cancel

Data File Path : ...

Log File Path : ...

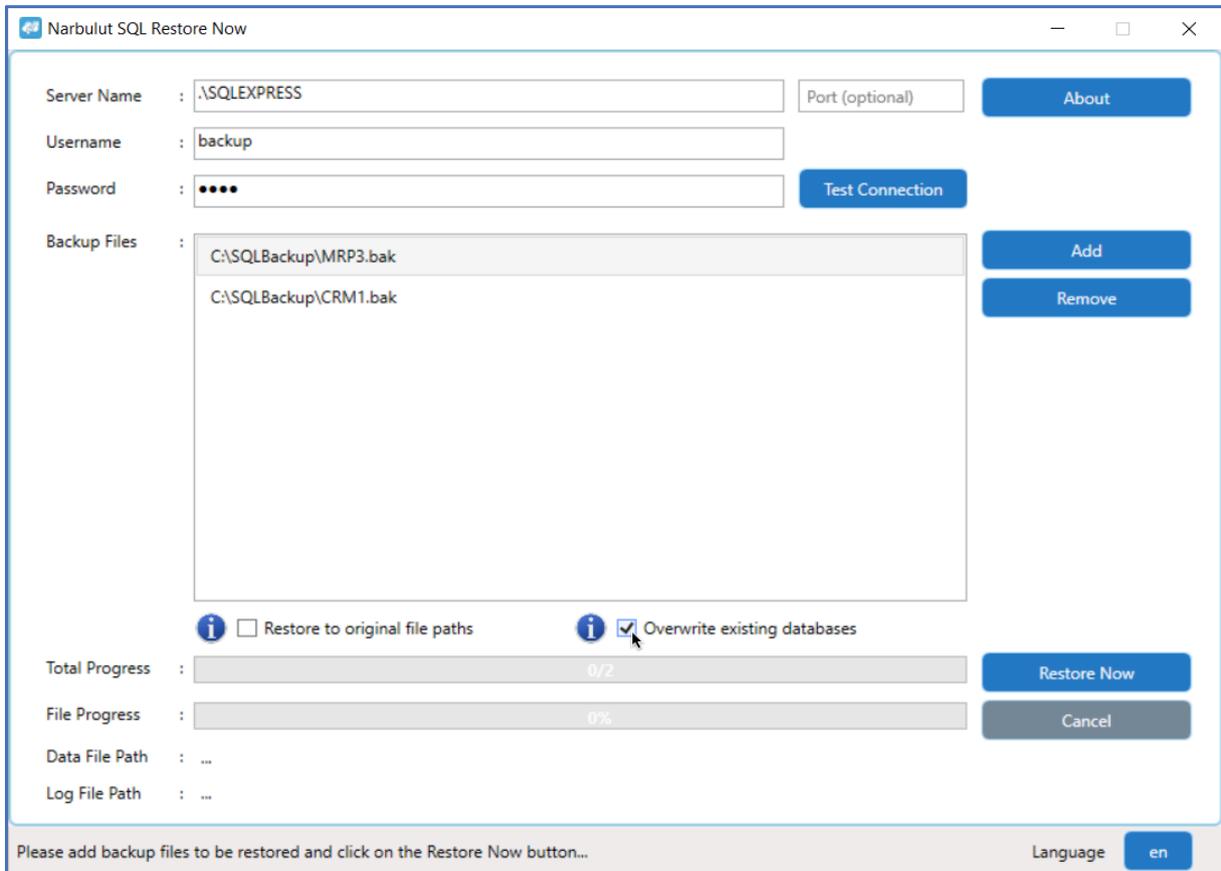
Please add backup files to be restored and click on the Restore Now button... Language en

E. Overwriting existing databases

You can overwrite your Microsoft SQL database backup files to your existing databases with the same name.

1. Check the "Overwrite existing databases" checkbox.
2. Click on the "Restore Now" button.

Note: If the "Overwrite existing databases" box is not checked and a database with the same name as one of the added database files exists on the Microsoft SQL server, no restoration will be performed.

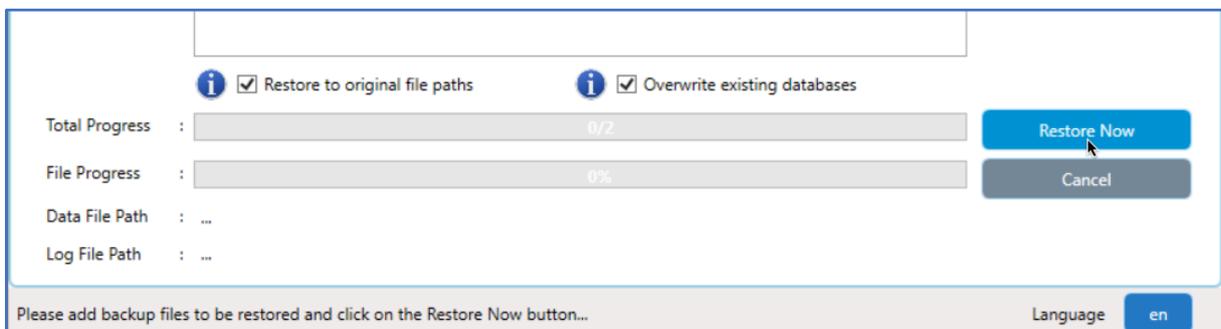


F. Restore Now

You can restore your Microsoft SQL database backup files to your Microsoft SQL server in bulk.

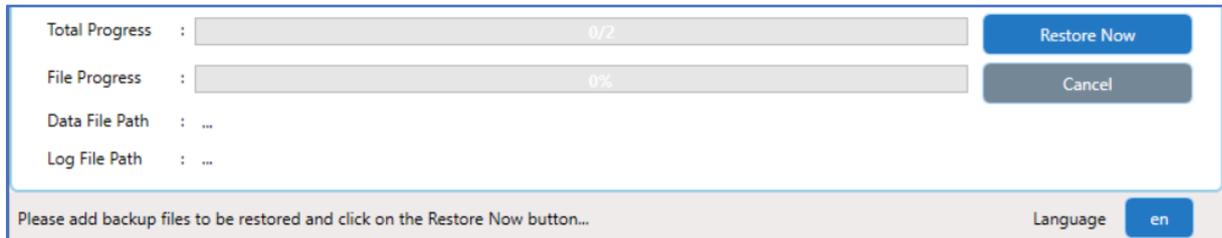
1. Click on the "Restore Now" button.

Note: Click on the "Cancel" button to stop the restoration process.



2. Progress Bar and Information Ticker

You can check the restoration progress from the progress bar and alert messages from the information ticker.

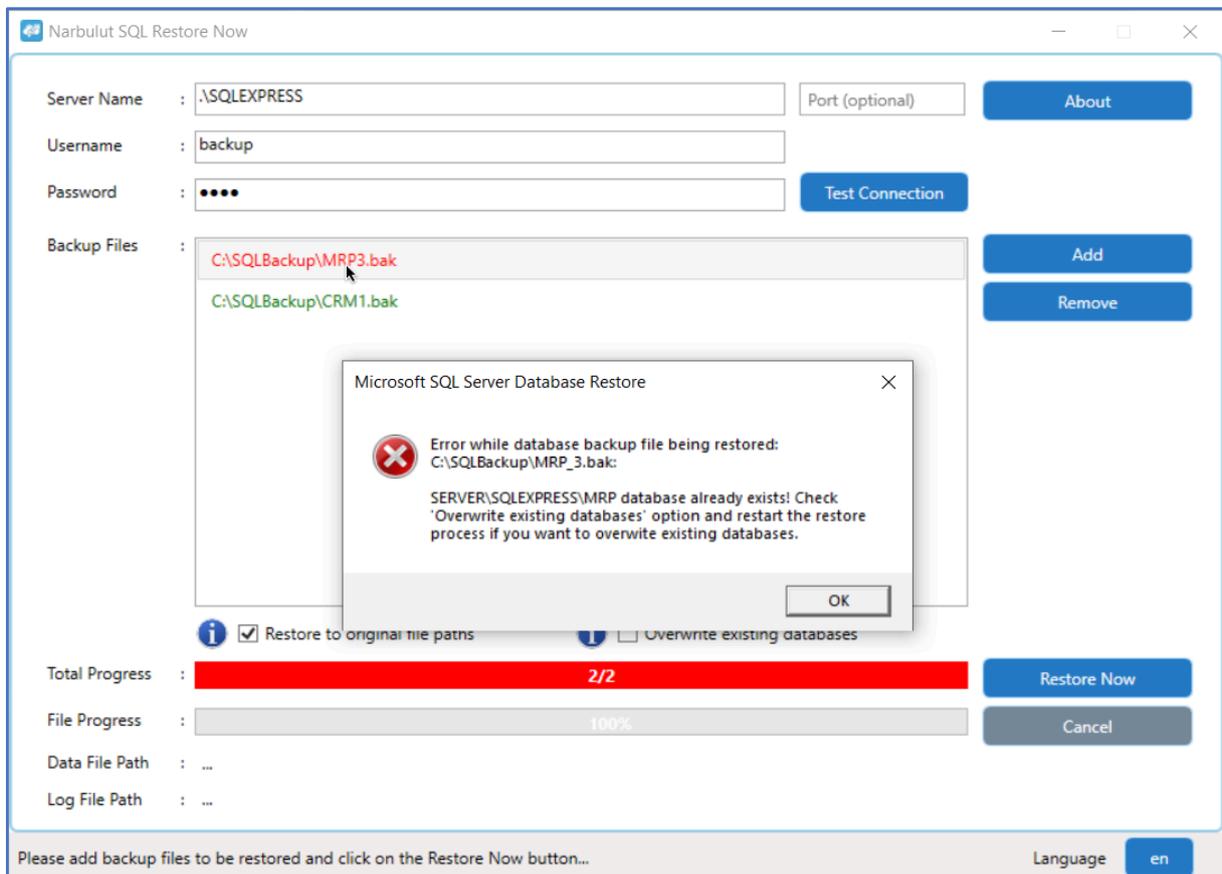


3. Language Options

You can change the language of the Narbulut SQL Restore Now interface by clicking on the Language button at the bottom right of the application.

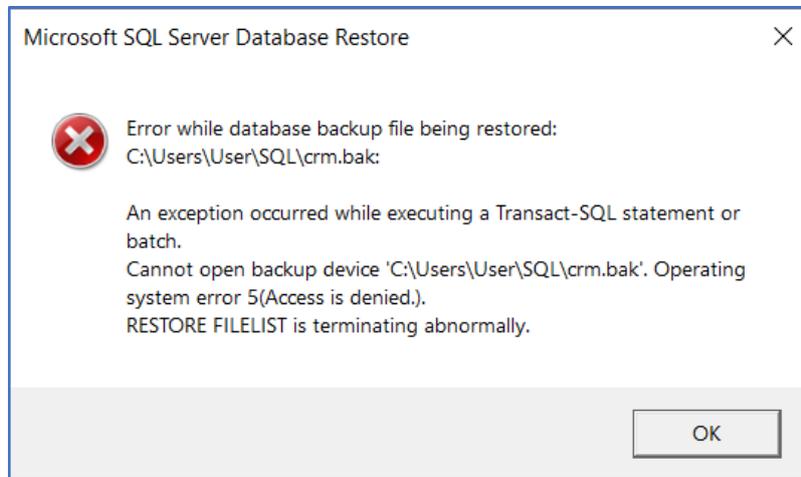
4. Frequently Encountered Errors and Solutions

When an error occurs during the restoration, the progress bar and the database backup files that could not be restored will be highlighted as red. You can see the error messages by double-clicking on the databases failed to be restored.



Operating system error 5

This error occurs when Microsoft SQL server is not authorized to access the files that you added in the "[Adding the database backups](#)" step.



Solution:

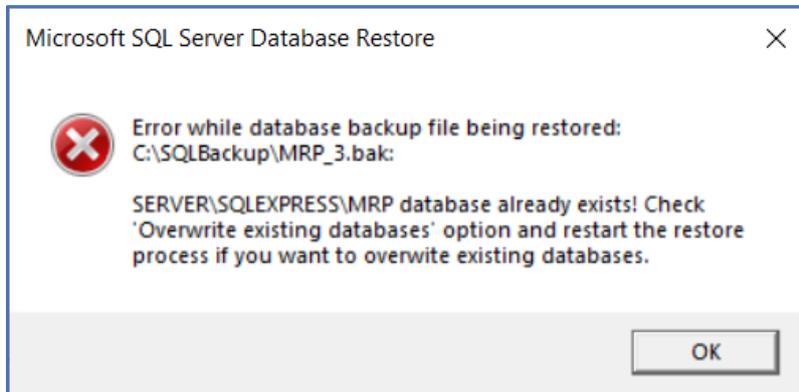
Make sure that Microsoft SQL server has access to the folders in which the files are located.

The process for permitting the MSSQL server to access a folder is as follows:

1. Open the "Services" app.
2. Find the "SQL Server" service.
3. Copy the session name in the "Log On As" column of the service.
4. Right click on the folder you want to authorize and click on "Properties".
5. Go to the "Security" menu and click on the "Edit" button.
6. Click on "Add" button. In the "Enter the object names to select" section, paste the MSSQL server session name you have copied. Click on the "OK" button.
7. Allow "Full Control" in the "Permissions" section. Click on the "Apply" button.

Database already exists

You will encounter this error if the "[Overwriting existing databases](#)" option is not selected and the database you want to restore already exists on the Microsoft SQL server.

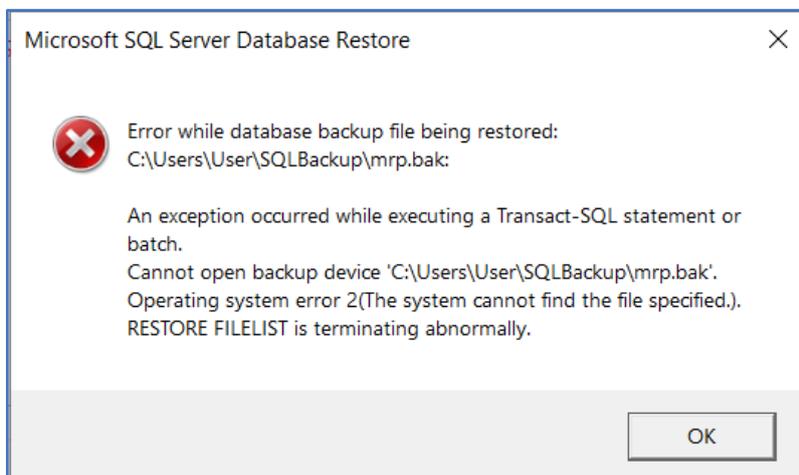


Solution:

1. Check the "[Overwrite existing databases](#)" box.

Operating system error 2

You will receive this error if Microsoft SQL server cannot find the backup files that you added in the shown file path in the "[Adding the database backups](#)" step.



Solution:

1. Make sure that the Microsoft SQL backup files are located in the file path that you added in the "[Adding the database backups](#)" step.

5. Contact Narbulut

For any comments and suggestions about Narbulut SQL Restore Now, you can contact us using the following ways:

<https://www.narbulut.com/en/contact-us-2/>

support@narbulut.com

[+90 850 545 44 44](tel:+908505454444)