SQL Error Code 20 - Database not Attached

Last Modified on 04/14/2023 8:23 am PDT

<u>Summary</u>

This document shows you how to fix a SQL Error Code 20 for a database that is not attached.

Before you Begin

- Make sure the Windows account you are logged into has Administrator privileges

 Check Administrator Privileges if you are unsure.
- 2. IMPORTANT: Make sure Windows 10 is fully updated before continuing.
 - To check if you are up to date, view the Microsoft support article:
 - Windows 10
 - Windows 11

How to Attach your SQL Database

1. Check to see if Database File is in Proper Location

- Open Windows File Explorer
- Navigate to C:\ProgramFiles\Microsoft SQL Server\MSSQL14.PBI_MYOVISION\MSSQL\DATA
- Confirm MyoVision and MyoVision_log database files are in the folder

📙 📝 📙 层 🖛 🗢 DATA			– 🗆 X	
File Home Share View			× (2)	
← → ▼ 1 C ≪ Microsoft SQL Server → MSSQL14.PBI_MYOVISION17 → MSSQL → DATA V ひ Search DATA				
First Name	Date modified	Type Size		
📙 l 📴 master.mdf	3/28/2023 2:20 PM	SQL Server Databa 4,096 k	В	
📕 l 🛛 📜 mastlog.ldf	3/28/2023 2:20 PM	SQL Server Databa 2,048 k	В	
📙 : 🦉 model.mdf	3/28/2023 2:20 PM	SQL Server Databa 8,192 k	В	
📕 : 📜 modellog.ldf	3/28/2023 2:20 PM	SQL Server Databa 8,192 k	В	
📩 🔤 MS_AgentSigningCertific	ate.cer 3/8/2022 9:57 PM	Security Certificate 1 k	В	
- MS_AgentSigningCertific	ate9695E8D6-05 6/14/2022 6:17 PM	Security Certificate 1 k	В	
- MS_AgentSigningCertific	ate80477B18-9D 2/15/2023 8:54 AM	Security Certificate 1 K	В	
E MSDBData.mdf	3/28/2023 2:20 PM	SQL Server Databa 20,096 k	В	
Documents MSDRI og ldf	3/28/2023 2:20 PM	SQL Server Databa 20,096 k	В	
😆 myovision Dropbox	3/29/2023 10:55 AM	SQL Server Databa 4,096 k	В	
U MyoVision_log.ldf	3/29/2023 10:55 AM	SQL Server Databa 3,456 k	В	
OneDrive - Personal rempdb.mdt	3/28/2023 3:03 PM	SQL Server Databa 8,192 k	В	
Documents 🛛 📜 templog.ldf	3/28/2023 3:03 PM	SQL Server Databa 8,192 k	В	
Email attachments				
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- Protores				
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🚆 Videos				
🏪 Local Disk (C:) 🛛 🔍 13 items				

2. Move, Attach, or Troubleshoot database files

- If the Database file is in the DATA folder;
 - Move to **Troubleshooting** section

- If the Database file **is not** in the DATA folder,
 - Perform Step 9 and 10 Moving and Attaching Database Files in the Install SQL Server 2017 support article
 - If a permission error appears, like the one shown below, follow the steps under <u>Troubleshooting</u>



Troubleshooting

If you are getting a **permissions issue error**, you will need to change the permissions for the DATA folder. Once you've done this, go back to the previous section and try steps 1 and 2 again.

1. Open DATA Folder Properties

• Open File Explorer and navigate to C:\Program Files\Microsoft SQL Server\MSSQL14.PBI_MYOVISION\MSSQL

Microsoft SQL Server > MSSQL14.PBI_MY(OVISION > MSSQL	~ C	, の Search MSSQL
Name	Date modified	Type S	ize
🔁 Backup	9/30/2022 3:19 PM	File folder	
🛅 Binn	6/7/2022 9:50 AM	File folder	
DATA	6/7/2022 9:53 AM	File folder	
📁 Install	6/7/2022 9:50 AM	File folder	
DOBS 🔁	6/7/2022 9:50 AM	File folder	
🔁 Log	1/12/2023 1:45 AM	File folder	
🚞 repldata	6/7/2022 9:50 AM	File folder	
Template Data	6/7/2022 9:50 AM	File folder	
📓 sql_engine_core_inst_keyfile.dll	8/22/2017 10:16 PM	Application exten	99 KB

• Right-click DATA, select Properties



- 2. Edit Groups/User Names
 - Click the Security tab in the window that pops up.

Properties			×	
General	Security	Details	Previous Versions	
Object name: C:\Program Files (x86)\Microsoft SQL Server\MSS(

- Check under "Group or user names" to see if Users is listed.
 - If so, skip ahead to Step 3: Edit Permissions
 - If Users is not listed, click Edit



• In the Permissions window that opens, click Add



• In the Select Users or Groups window, click Advanced

Select this object type:		
Users, Groups, or Built-in	security principals	Object Types
From this location:		
TS2		Locations
Enter the object names to	1.17 1.5	
	select (<u>examples</u>):	Check Names
	select (<u>examples</u>):	Check Names

- Click Find Now, find and selected the "User" account in the list at the bottom of the window
 If there is no User account, look for Domain User or other group that ends in "User"
- Click Ok, then click OK in Select Users or Groups window

Select Users or Gr	oups		×
Select this object ty	/pe:		
Users, Groups, or	Built-in security princip	pals	Object Types
From this location:			
DESKTOP-HKDG	CNV		Locations
Common Queries			
Name:	Starts with 🖂		Columns
Description:	Starts with \sim		Find Now
Disabled ac	counts		Stop
Non expiring	password		
Days since last	logon: 🗸 🗸 🗸		//
Search results:			OK Cancel
Name	In Folder		^
Rest SQLServerM	DESKTOP-HKD		
SQLServerSQ	DESKTOP-HKD		
🕁 starb	DESKTOP-HKD		
Suppo	DESKTOP-HKD		
SYSTEM			
	DESKTOP-HKD	_	
Providence of the second secon	6		
Users	DESKTOP-HKD		
WDAGOUILYA	DESKIOF-HKD		~
Select Users	or Groups		\times

Select Users or Groups	×
Select this object type:	
Users, Groups, or Built-in security principals	Object Types
From this location:	
DESKTOP-HKDGCNV	Locations
Enter the object names to select (<u>examples</u>):	
DESKTOP-HKDGCNV\Users	Check Names
Advanced OK	Cancel

3. Edit Permissions

• Now that Users or Domain Users has been added, click on it under "Group or user names" and allow **Full Control**. Click OK to finish

Permissions fo	or MyoVision.md	lf	×	
Security				
Object name: (C:\Program Files (x	86)\Microsoft SQl	Server\MSS(
Group or user nar	nes:			
Section 2012	OWNER RIGHTS Administrators (MV-TS2-PC inistrators)			
Stars (MV-T	S2-PC\Users)			
		Add	Pemove	
Permissions for U	sers	Allow	Deny	
Full control			□ <u>^</u>	
Modify				
Read & execut	e	\checkmark		
Read		\checkmark		
Write		\checkmark		
	ОК	Cancel	Apply	

4. Attach the database

- Perform Step 10. Attaching Database Files in the Install SQL Server 2017 support article
 - If the database is not working, an SQL error will appear. See the links below for help with the SQL Error
 - SQL Error 10
 - SQL Error timeout
 - SQL Error 'sa' login failed

Note: If you are still having trouble getting your MyoVision database to work properly, please feel free to contact our technical support at 1-800-969-6961, option 2 (8:30am - 4:00pm, Monday - Friday) (+1 206-448-3464 International)