

Unable to restore Database, Database is in use by session

Asked 7 years, 5 months ago Active 1 year, 8 months ago Viewed 35k times



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I am using SQL Server 2005 and I am having an issue restoring my database I receive this message upon trying to restore my database.

Restore failed. (Microsoft.SqlServer.Express.Smo)

"System.Data.SqlClient.SqlError: RESTORE cannot process database 'AMOD' because it is in use by this session. It is recommended that the master database be used when performing this operation. (Microsoft.SqlServer.Express.Smo)"

I have restarted the program I did not open any tables contained within the database and I still receive this message. I am new to SQL Server and this is my first time doing a restore. I appreciate any help provided.

sql-server-2005

edited Jun 11 '12 at 14:34



Widor

11.1k 6 30 57

asked Jun 11 '12 at 14:32



Scott Rinebold

157 2 2 9

2 Answers



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You need to kick all the users out, and make sure you're not in that database too. Assuming you're in Management Studio, you need to change your context to a different database (or switch the database dropdown to a different database) this way, and this will also kick out any other users (which could be you - Object Explorer, Object Explorer Details, other query windows, etc. could all be inadvertently preventing the restore by maintaining a connection to your database):

```
USE master;  
GO  
ALTER DATABASE AMOD SET SINGLE_USER WITH ROLLBACK IMMEDIATE;
```



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```
ALTER DATABASE AMOD SET MULTI_USER;
```

answered Jun 11 '12 at 14:34

[Aaron Bertrand](#)**223k** 30 387 426

3 I was setting this up for another user, and I additionally had to go to Security → Logins → right-click user → Properties and set the Default database to master, then have them log out and back in. – [bmaupin](#) Oct 2 '13 at 21:10

1 @bmaupin kicking them out temporarily should have solved that, too. – [Aaron Bertrand](#) Oct 2 '13 at 21:12

2 I guess what I meant was I was setting up another user to be able to restore the database, but every time they would log in to do the restore, the database they wanted to restore was set as the default so they'd connect to it. Granted, I'm no expert, but changing the default DB seemed to fix it. At any rate, great answer! – [bmaupin](#) Oct 2 '13 at 21:17

@bmaupin ah I see, yes, if they were the user doing the restore, but then again they could always issue `use some_other_database;` before attempting the restore. – [Aaron Bertrand](#) Oct 2 '13 at 21:19

@bmaupin, your method works for me. – [GunWanderer](#) Apr 26 '18 at 14:29



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Use Activity manager to kill resource dependencies in a script or else kill SPID as simple.

answered Mar 26 '18 at 10:30

[Mitul Panchal](#)**180** 5

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