## Error on renaming database in SQL Server 2008 R2

Ask Question



I am using this query to rename the database:

138 ALTER DATABASE BOSEVIKRAM MODIFY NAME = [BOSEVIKRAM\_Deleted]



But it shows an error when excuting:



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Msg 5030, Level 16, State 2, Line 1 The database could not be exclusively locked to perform the operation.

Is anything wrong with my query?



edited May 22 '13 at 8:09



asked May 22 '13 at 6:53



- There's nothing wrong with the query the error is telling you that other connections are connected to the database, so you're not allowed to rename it at this time. Damien\_The\_Unbeliever May 22 '13 at 6:55
- If you're doing this from SSMS, make sure you don't have a query window open against that db, as that's a separate connection that places a lock on the db. jleach Feb 19 '16 at 9:17

## 11 Answers

Home

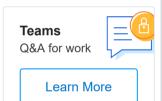
**PUBLIC** 



Tags

Users

Jobs





You could try setting the database to single user mode.

276 https://stackoverflow.com/a/11624/2408095



use master

ALTER DATABASE BOSEVIKRAM SET SINGLE\_USER WITH ROLLBACK IMMEDIATE
ALTER DATABASE BOSEVIKRAM MODIFY NAME = [BOSEVIKRAM\_Deleted]
ALTER DATABASE BOSEVIKRAM\_Deleted SET MULTI\_USER

edited May 23 '17 at 11:47



answered May 22 '13 at 7:02



Squid

**3,190** 1 7 8

1. Set the database to single mode:

46

ALTER DATABASE dbName
SET SINGLE\_USER WITH ROLLBACK IMMEDIATE



2. Try to rename the database:

ALTER DATABASE dbName MODIFY NAME = NewName

3. Set the database to Multiuser mode:

ALTER DATABASE NewName
SET MULTI USER WITH ROLLBACK IMMEDIATE

answered Jun 12 '14 at 6:00



Samiey Mehdi

**.792** 16 42

helpful codes, thanks - Jhoon Bey Jul 9 '14 at 10:27

@SamieyMehdi Should I use WITH ROLLBACK IMMEDIATE for multiuser? — BendEg Oct 20 '16 at 8:48 /



Try to close all connections to your database first:

19

use master





ALTER DATABASE BOSEVIKRAM MODIFY NAME = [BOSEVIKRAM Deleted]

ALTER DATABASE BOSEVIKRAM\_Deleted SET MULTI\_USER

Taken from <u>here</u>

edited May 23 '17 at 12:34



answered May 22 '13 at 6:59



**Andrey Gordeev 15.6k** 6 63 104

https://stackoverflow.com/questions/16685269/error-on-renaming-database-in-sql-server-2008-r2



You can also right click your database in the Object Explorer and go to Properties. From there go to Options. Scroll all the way down and set Restrict Access to SINGLE\_USER. Change your database name, then go back in and set it back to MULTI\_USER.



answered Apr 14 '15 at 17:33



Justin Woodmancy
402 3 11

Quick and easy! - user1336087 Mar 17 '17 at 11:41

That's perfect. Working with SQL Server 2017 – Adam Macierzyński Mar 8 at 13:09



Thats because someone else is accessing the database.. Put the database into single user mode then rename it.

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This link might Help you to solve the problem:



http://msdn.microsoft.com/en-IN/library/ms345378(v=sql.105).aspx and also this link: http://msdn.microsoft.com/en-us/library/ms345378.aspx

answered May 22 '13 at 6:57



Dhwani

**4,139** 12 57 122



This did it for me:

USE [master];
GO



```
ALTER DATABASE [OldDataBaseName] SET SINGLE_USER WITH ROLLBACK IMMED:
GO
EXEC sp_renamedb N'OldDataBaseName', N'NewDataBaseName';

-- Add users again
ALTER DATABASE [NewDataBaseName] SET MULTI_USER
GO
```

answered Feb 17 '15 at 15:29





Change database to single user mode as shown in the other answers





Sometimes, even after converting to single user mode, the only connection allowed to the database may be in use.

To close a connection even after converting to single user mode try:

```
select * from master.sys.sysprocesses
where spid>50 -- don't want system sessions
and dbid = DB_ID('BOSEVIKRAM')
```

Look at the results and see the ID of the connection to the database in question.

Then use the command below to close this connection (there should only be one since the database is now in single user mode)

KILL connection\_ID

Replace connection id with the ID in the results of the 1st query

answered Oct 5 '14 at 1:31





1.database set 1st single user mode

1 ALTER DATABASE BOSEVIKRAM SET SINGLE\_USER WITH ROLLBACK IMMEDIATE



2.RENAME THE DATABASE

**ALTER DATABASE** BOSEVIKRAM **MODIFY NAME =**[BOSEVIKRAM\_Deleted]

3.DATABAE SET MULIUSER MODE

ALTER DATABASE BOSEVIKRAM\_Deleted SET MULTI\_USER WITH ROLLBACK IMMEDIATE

answered Mar 1 '17 at 23:12





Another way to close all connections:

Administrative Tools > View Local Services



Stop/Start the "SQL Server (MSSQLSERVER)" service

answered Feb 14 '17 at 19:45

Chronozoa



**195** 4 10



1. Set the database to single mode:

ALTER DATABASE dbName SET SINGLE USER WITH ROLLBACK IMMEDIATE



This sql statement will modify the access control of the database from multiple users to a single user(i.e you) and makes you the sole user of the db.Now you can go ahead & change the name of your db.

2.Rename the database:

ALTER DATABASE dbName MODIFY NAME = NewName

This sql statement does the crucial work of changing your db name to a name you desire.

3. Set the database to Multiuser mode:

ALTER DATABASE NewName SET MULTI USER WITH ROLLBACK IMMEDIATE

After changing our db name, we simply modify the access control back to where it was which is by default Multi user.

Note: If you are facing any errors still, read this article for further reference How to: Rename a Database(Sql Server Management Studio)

answered May 10 '18 at 11:50



**137** 1 6



use master

ALTER DATABASE BOSEVIKRAM SET SINGLE\_USER WITH ROLLBACK IMMEDIATE



exec sp\_renamedb 'BOSEVIKRAM', 'BOSEVIKRAM\_Deleted'

ALTER DATABASE BOSEVIKRAM\_Deleted SET MULTI\_USER

edited Jan 30 '17 at 9:58



Barry Michael Doyle

answered Jan 30 '17 at 8:59



KamalDeep 143 1 2