ALTER DATABASE failed because a lock could be not placed on database

Last updated by | Charlene Wang | Oct 12, 2020 at 7:46 PM PDT

Working on a service request importing a BACPAC exported from Azure SQL Database we found this message importing the file.

Microsoft SQL Server Management Studio ✕

Could not import package.
Warning SQL72012: The object [XTP] exists in the target, but it will not be dropped even though you selected the 'Generate drop statements for objects that are in the target database but that are not in the source' check box.
Warning SQL72012: The object [XTP] exists in the target, but it will not be dropped even though you selected the 'Generate drop statements for objects that are in the target database but that are not in the source' check box.
Warning SQL72012: The object [data_0] exists in the target, but it will not be dropped even though you selected the 'Generate drop statements for objects that are in the target database but that are not in the source' check box.
Warning SQL72012: The object [log] exists in the target, but it will not be dropped even though you selected the 'Generate drop statements for objects that are in the target database but that are not in the source' check box.
Error SQL72014: .Net SqlClient Data Provider: Msg 5061, Level 16, State 1, Line 5 ALTER DATABASE failed because a lock could not be placed on database '20190808'. Try again later.
Error SQL72045: Script execution error. The executed script:
IF EXISTS (SELECT 1
        FROM   [master].[dbo].[sysdatabases]
        WHERE [name] = N'$(DatabaseName)')
    BEGIN
       ALTER DATABASE [$(DatabaseName)]
          SET CONTAINMENT = PARTIAL;
    END

Error SQL72014: .Net SqlClient Data Provider: Msg 5069, Level 16, State 1, Line 5 ALTER DATABASE statement failed.
Error SQL72045: Script execution error. The executed script:
IF EXISTS (SELECT 1
        FROM   [master].[dbo].[sysdatabases]
        WHERE [name] = N'$(DatabaseName)')
    BEGIN
       ALTER DATABASE [$(DatabaseName)]
          SET CONTAINMENT = PARTIAL;
    END

(Microsoft.SqlServer.Dac)

Copy message   Show details   OK

Finally, the issue was fixed changing the value "Enable Contained Databases" from False to True in the properties of Managed Instance. We escalated this issue to our PG.

Server Properties - tcp:jmjuradomanaged.public.a34e740a3aca.database.windows.net,3342   —   □   X

Select a page
- General
- Memory
- Processors
- Security
- Connections
- Database Settings
- Advanced
- Permissions

🗗 Script ▾ ❓ Help

Containment	
Enable Contained Databases	True
Miscellaneous	
Allow Triggers to Fire Others	True
Blocked Process Threshold	0
Boost SQL Server Priority	False
Cursor Threshold	-1
Default Full-Text Language	1033
Default Language	English
Full-Text Upgrade Option	Import
Max Text Replication Size	65536
Optimize for Ad hoc Workloads	False
Scan for Startup Procs	False
Two Digit Year Cutoff	2049
Use Windows fibers (lightweight pooling)	False
Network	
Network Packet Size	4096
Remote Login Timeout	10
Parallelism	
Cost Threshold for Parallelism	5
Locks	0
Max Degree of Parallelism	0
Query Wait	-1

Connection

Server:
tcp:jmjuradomanaged.public.a34e7

Connection:
jmjurado

🔌 View connection properties

Progress

⟳ Ready

Allow Triggers to Fire Others
Controls whether a trigger can perform an action that initiates another trigger. When cleared, triggers cannot be fired by another trigger.

◉ Configured values   ○ Running values

OK   Cancel

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