

SSMA dropping connection

Last updated by | Vitor Tomaz | Feb 18, 2021 at 3:28 AM PST

Contents

- [Issue](#)
- [Investigation](#)
- [Mitigation](#)
- [Public Doc Reference](#)
- [Root Cause Classification](#)

Issue

SSMA migration from MySQL to Azure SQL DB repeatedly dropping connection while data migration is in progress.

Error: 'The connection has been disabled.'

Investigation

In case the error message is not giving you enough details for further troubleshooting, the recommendation is to start initial data collection. On SSMA tool:

1. On source
 - Collect the version details of the source database and the OS info. This is vital as there were numerous
 - Collect the version details of the providers / drivers used to make connection to the source database.
2. On destination
 - Collect the version details of the SQL Server that we are trying to connect and the OS info.
 - Collect the version details of the providers / drivers used to make connection.
3. Check the Migration Engine used, (Client side / Server side)
 - Navigate to Tools menu and go to Project Settings
 - Check the migration engine option from the Migration menu
4. Collect the SSMA logs after reproducing the issue, to get Log file path
 - Navigate to Tools menu and go to Global Settings
 - Select the Logging page and copy the Log file path under Misc category

Checking the SSMA logs, a timeout error message was found.

Mitigation

When migrating big tables, the workaround is to tune the default migration parameters in Project Settings, to avoid the operation timeout and to make sure the migration succeed.

1. Open SSMA for MySql -> Go to Tools -> Project Settings -> Select General from the left menu -> Select Migration -> In the Misc section -> set data migration timeout to a higher value (e.g.: 1000)
2. Open SSMA for MySql -> Go to Tools -> Project Settings -> Select General from the left menu -> Select Migration -> In the Parallel data migration section -> set Parallel data migration mode from Auto to Custom and set Thread Count from 10, which is the default, to a lower value (e.g.: 5)

3. Open SSMA for MySql -> Go to Tools -> Project Settings -> Select General from the left menu -> Select Migration -> Lower the value of BATCH_SIZE (e.g.: 1000)
4. Run the data migration again.

After the above steps, the migration should complete successfully.

Public Doc Reference

[Project Settings \(Migration\) \(MySQLToSQL\)](#) .

[SSMA for MySQL training document](#) .

[TechNet SQL Server Migration Assistant reference](#) .

[SSMA reference documentation](#) .

Root Cause Classification

Cases resolved by this TSG should be coded to the following root cause:

Azure Open Source DB V2\Client Tools\Open Source\External\Other

How good have you found this content?



-