

[AzureSqlDatabase] - Cannot connect to SQL database

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

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Issue

The customer's AzureSqlDatabase can work well in data copy, dataset preview-data and linked service test-connection, but it is failed when the same AzureSqlDatabase is used as source or sink in dataflow with error like "Cannot connect to SQL database: 'jdbc:sqlserver://powerbasenz.database.windows.net;...', Please check the linked service configuration is correct, and make sure the SQL database firewall allows the integration runtime to access"

Root Cause

When customer meets up error, it is may cause by following issue:

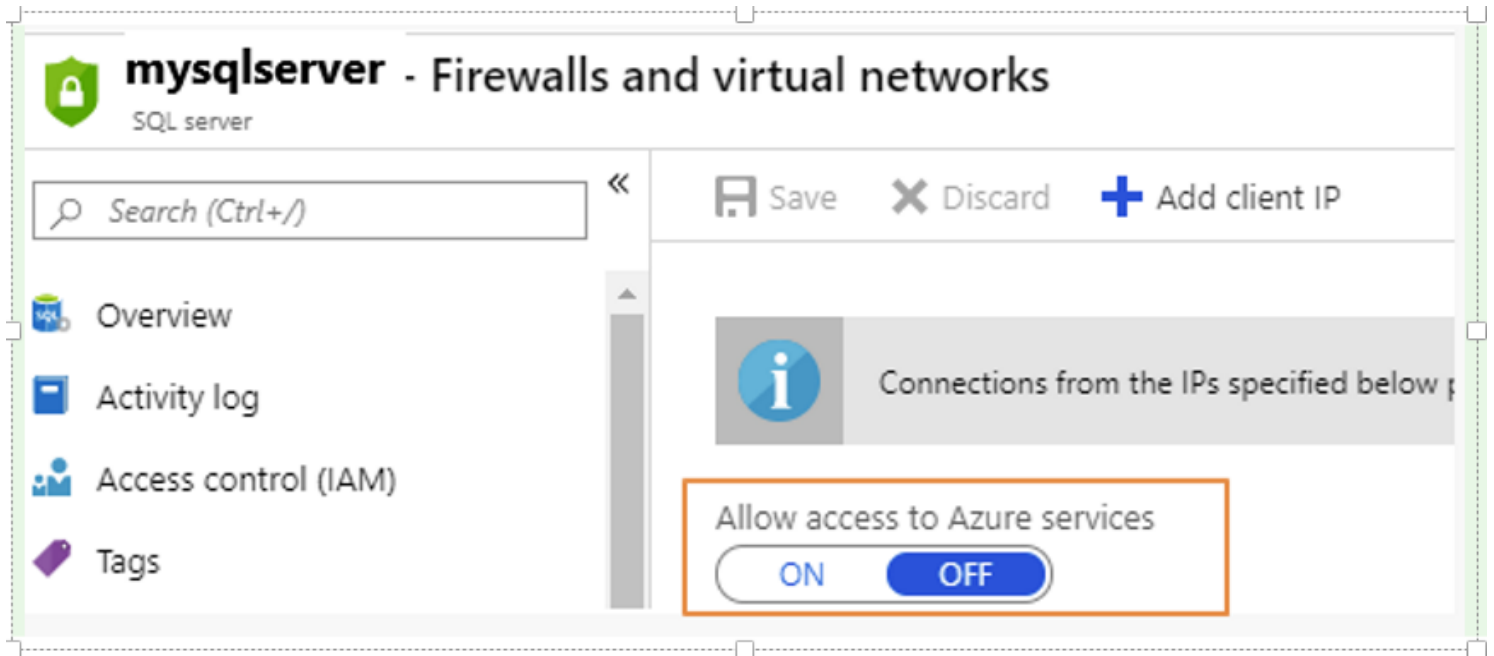
1. There is quote in customer's database value, the quote is imported by json serialization and deserializatio
2. There is wrong firewall settings on customer's azure SQL database server which cannot be connected by dataf

Resolution

For [#1](#) in root cause, it is one bug in dataflow runtime, we have fixed it and wait for deployment to take effective on all dataflow regions. Before that, the customer can use following way to work around it:

Please ask customer to use copy activity to move the table data from database "Supplier TAR" to another database "xxxx" which does not contain spaces, then use dataflow to have transformation customer need based on "xxxx".

For [#2](#) in root cause, please ask customer to check the firewall settings of Azure SQL Database and set it as "Allow access to Azure services", not fixed IP range.



Additional Information:

- Icm Reference: N/A
- Author: Zhangyi Yu
- Reviewer: Zhangyi Yu; Shawn Xiao
- Keywords:

How good have you found this content?

