[SqlBatchWriteTransactionFailed] replacing old error [UserErrorSqlBatchWriteRollbackFailed]

Last updated by | Veena Pachauri | Mar 8, 2023 at 11:22 PM PST

Contents

- Symptoms
- Cause
- More Information

Symptoms

[Latest]

"Code":22311, "Message": "ErrorCode=SglBatchWriteTransactionFailed, 'Type=Microsoft.DataTransfer.Common.Shared.HybridDeliveryException, Message=SQL transaction commits failed, Source = Microsoft. DataTransfer. ClientLibrary, "Type = System. Invalid Operation Exception, Message = This Sql Transaction has completed; it is no longer usable., Source=System. Data, "", "EventType": 0, "Category": 5, "Data":

{"StackTrace":"Type=Microsoft.DataTransfer.Common.Shared.HybridDeliveryException,Message=SQL transaction commits failed, Source = Microsoft. Data Transfer. Client Library

[Previously]

Sometimes, the pipeline failed with error below: 'Code': 11682, 'Message':

'ErrorCode=UserErrorSqlBatchWriteRollbackFailed,'Type=Microsoft.DataTransfer.Common.Shared.HybridDeliveryException,Message=Exception in SQL batch write and failed to rollback., Source=Microsoft. DataTransfer. ClientLibrary, "Type=System. Invalid Operation Exception, Message=This SqlTransaction has completed; it is no longer usable., Source=System. Data,",

Cause

when writing data into dw. ADF would use a transaction for each batch. if there is no response from the dw, ADF will try to rollback the transaction and rewrite to avoid duplicated data and improve the success rate for copy job. In this case, the data actually write in to the dw but dw did not response for the transaction. So it failed when ADF try to rollback the transaction.

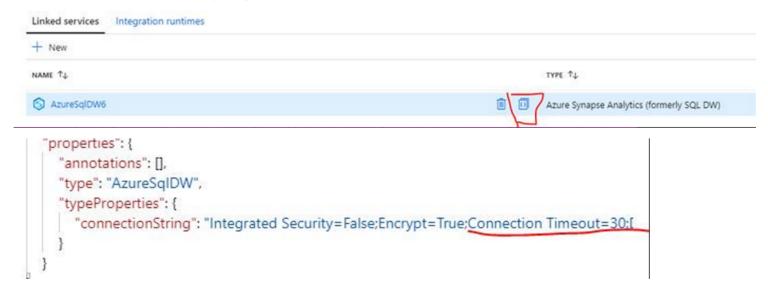
ADF did notice more similar issues from both AzureSql DW and AzureSql DB since Nov. 4th.

Suggest to increase the connection timeout setting in sink linked service (AzureSqlDB/DW),

AzureSqIDB 60 - 120

AzureSqIDW 120 - 240

Meanwhile, if Self-IR related, network analyze might also be needed.



More Information

https://icm.ad.msft.net/imp/v3/incidents/details/158624398/home 2

https://portal.microsofticm.com/imp/v3/incidents/details/161568009/home 🖸

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