[Sql] Timeout writing to SQL database in copy activity

Last updated by | Veena Pachauri | Mar 8, 2023 at 11:10 PM PST

201039- [Sql] Timeout writing to SQL database in copy activity

Tuesday, November 22, 2016
11:12 AM

SME	
Symptoms	Customer is using SQL Server as sink, receiving error like "Execution Timeout Expired. The timeout period elapsed prior to completion of the operation or the server is not responding. SHIR logs show "Sql Error number:-2, Error Code:-2146232060, Error Message: 'Type=System.Data.SqlClient.SqlException,Message=Execution Timeout Expired. The timeout period elapsed prior to completion of the operation or the server is not responding...'
Cause	By default, the SQL sink client sets a 2 hour timeout on the connection when writing to the database. When the batch being written takes more than 2 hours to complete, the connection times out before completion and returns an error
Resolution	Set a Write batch size on the Sink settings so that the write is broken up into multiple batches that should complete within 2 hours each. 10,000 is a good starting number. Alternatively, you can set the Write batch timeout to a longer time than 02:00:00. Link to docs. Example Config: Example Config:

Tags		SQL ADF Timeout

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