# Package execution intermittently fail with transient connectivity issue like semaphore timeout

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

### **SME**

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# Symptoms

Hresult: 0x80004005 Description: "Communication link failure".

Hresult: 0x80004005 Description: "TCP Provider: The semaphore timeout period has expired.

# **Kusto Query**

# Keyword

Communication link failure

semaphore timeout

### Cause

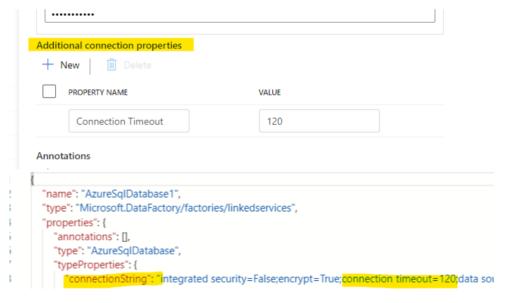
Transient network connection issue.

### Resolution

Restart IR to see if issue persists.

Add retry logic to package execution to overcome transient connection issue, following <a href="https://techcommunity.microsoft.com/t5/sql-server-integration-services/best-practice-recommendation-for-ssis-package-execution-retries/ba-p/964881">https://techcommunity.microsoft.com/t5/sql-server-integration-services/best-practice-recommendation-for-ssis-package-execution-retries/ba-p/964881</a>

Lengthen default connection timeout for SQL DB Linked Services:



Collect network trace and engage Azure Network team for RCA.

# Sample cases

119030126000330 184807921

# How good have you found this content?

