[AzureSqlDatabase, Azure Synapse Analytics] - Job fails with MissingRequiredPropertyException: server is a required property

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

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Issue

When customer uses SQL server/Synapse as source or sink in dataflow (preview data, debug/trigger run...), in related linked service, if 1. customer is using Azure Key Vault to store whole connection string 2. Customer's connection string is not a valid connection string. He may find job will fail with following error message:

```
{'StatusCode':'DFExecutorUserError','Message':'Job failed due to reason: com.microsoft.dataflow.broker.Missin
```

Root Cause

Recently dataflow had a recent fix hat addressed a known issue with Data flow string parsers following standard connection string syntax's. Customer's connection string might not follow standard connection string syntax.

Resolution

You need to comfirm with customer if he is using Azure Key Vault to store entire connection string in linked service and if the connection string follows standards. To address this, we recommend taking one of the below steps:

1. Fill in the connection string details using the authoring UI, only storing the credentials in Azure Key Vault: Please refer to Reference secret stored in key vault ⧉
2. Revise your connection string and update accordingly, removing all leading/tailing white spaces and following the correct format: ADO.NET connection string public docs ⧉ SQL connection string public docs ⧉

Additional Information:

- Icm Reference: N/A
- Author: Xiaojin Wang
- Reviewer: Xiaojin Wang; Shawn Xiao
- Keywords:

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