

[Azure Synapse Analytics] - Failed with PROCEDURE 'sp_sproc_columns_100' is not supported

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

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Issue

When customer uses Azure Synapse Analytics as source in dataflow (preview data, debug/trigger run...). He may find job will fail with following error message:

```
shaded.msdataflow.com.microsoft.sqlserver.jdbc.SQLServerException: PROCEDURE 'sp_sproc_columns_100' is not
```

Root Cause

Customer is using 'Stored procedure' mode and the data source is a serverless (on-demand) pool. data flow needs to get metadata when run a stored procedure. In JDBC driver, when calling sp_sproc_columns function get metadata of a stored procedure, the function will call sp_sproc_columns before Katmai and sp_sproc_columns_100 after Katmai. As on-demand version is certainly after Katmai, sp_sproc_columns_100 will be called. However, **this stored procedure is not supported by on-demand**. So it's a limitation for on-demand pool .

Resolution

Two possible workaround:

1. Use 'Query' mode directly type the select statement.

Source settings Source options Projection Optimize Inspect Data preview ●

Input ☐ Table ☒ Query ☐ Stored procedure

Query

SELECT TOP 100 *
FROM OPENROWSET('CosmosDB',
'Account=synapselink-

Import projection

Enable staging ☒

Batch size ⓘ

Isolation level ⓘ

Read uncommitted ▼

2. Save the sp to a view and use 'Table' mode to read view directly.


For example,

create view [dbo].[cosmosview] as SELECT TOP 100 _rid FROM OPENROWSET('CosmosDB', 'Account=XXXX',
Ecdc) AS movies GO

Additional Information:

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