DSS039 - Incorrect syntax near the keyword 'NOT'

Last updated by | Keith Elmore | Apr 5, 2021 at 7:57 AM PDT

Contents

Issue

'Incorrect syntax near the keyword 'NOT'.

Like:
Database re-provisioning failed with the exception "Incorrect syntax near the keyword 'NOT'. Inner exception: SqlException ID: 206d98a5-aa51-4961-bbaf-398cc91631ea, Error Code: -2146232060 - SqlError Number:156, Message: SQL error with code 156 For more information, provide tracing ID '842e0a43-776b-42c8-849d-912a3514a617' to customer support."

Investigation/Analysis

SQL Data Sync provides basic database auto-provisioning when the table does not exist in the database, but this has some limitations. The issue is being caused by a lack of default value in some columns during auto-provisioning.

The following Kusto query can help identify the table facing the problem (maybe there's more and customer will see a new error after fixing this one).

```
MonDataSync
| where TracingId =~ '{TracingId}'
| where ComponentAction == 'SyncController_Provision_Table_Item_Begin'
| extend TableName = extract('<tableName>(.*)</tableName>',1,Detail)
| extend ItemName = extract('<itemName>(.*)</itemName>',1,Detail)
| summarize arg_max(originalEventTimestamp, TableName, ItemName) by TracingId
```

Mitigation

The recommendation is for customers to provision the database schema themselves, usually by extracting the schema from the source and create it manually in the destination.

Root Cause Classification

Cases resolved by this TSG should be coded to the following root cause:
Root Cause: Azure SQL DB v2\DataSync\Service Issue\SetupSyncFail

How good have you found this content?