

DSS027 - SqlError Number:2627 Violation of UNIQUE KEY constraint, The duplicate key value is ()

Last updated by | Holger Linke | Dec 13, 2022 at 2:08 AM PST

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Symptom

Unique key violation error due to data integrity issues

Error

An unexpected error occurred when applying batch file
sync_118755d28ffd4aebabc77ed223f032453e40f1b3be5e41c6ac6f380fbbb108d4\00bd603e-dce5-4a65-bffb-b4c6119f4920.batch. See the inner exception for more details.

Inner exception: SqlException Error Code: -2146232060 - SqlError Number:2627, Message: Violation of UNIQUE KEY constraint '**IX_OrderReference**'. Cannot insert duplicate key in object 'dbo.Application'. The duplicate key value is ().

Analysis

If the duplicate key value is () we may be facing issues related to filtered indexes in the source that were not provisioned the same way in the destination (like data sync auto provision was used).

If you run:

```
-- fill in the name of the UNIQUE KEY constraint as returned by the inner exception
select filter_definition, * from sys.indexes
where [name] = 'IX_OrderReference'
```

You may get this on the source but not in the destination

filter_definition

([OrderReference] IS NOT NULL)

If not, follow [DSS014 - Data Sync - Troubleshooting data integrity issues](#).

Classification

Root cause Tree - DataSync/User issue/error/SyncFail

How good have you found this content?

