

DSS014 - Data Sync - Troubleshooting data integrity issues

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Issue

To troubleshoot data integrity issues you can:

Option 1:

Use [DSS004 - Data Sync Health Checker](#) to detect invalid tracking records

It can validate tracking records for some or all tables, in hub and/or member.

It will show the delete statement that needs to be run in case it detects invalid records.

You can control this using:

```
## Tracking Record Validations
# Set as "All" to validate all tables
# or pick the tables you need using '[dbo].[TableName1]', '[dbo].[TableName2]'
ExtendedValidationsTableFilter = @('All')
ExtendedValidationsEnabledForHub = $true #Attention, this may cause high I/O impact
ExtendedValidationsEnabledForMember = $true #Attention, this may cause high I/O impact
ExtendedValidationsCommandTimeout = 900 #seconds
```

Output example:

```
WARNING: Tracking Records for Table [dbo].[InvalidTrackingRecordsTable] may have 1 invalid records!
DELETE DataSync.[InvalidTrackingRecordsTable_dss_tracking]
FROM DataSync.[InvalidTrackingRecordsTable_dss_tracking] t
WHERE sync_row_is_tombstone=0 AND NOT EXISTS (SELECT * FROM [dbo].[InvalidTrackingRecordsTable] s WHERE t.Id =
```

Option 2:

Create an extended event session on both databases to be able to get more information: [DSS013 - Data Sync XEvent](#)

Option 3:

If this is from an on-prem member you can collect a verbose log: [Collect on-prem agent verbose log](#)

How good have you found this content?

