CDC0099- Common Errors received by the customer:

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Common Errors received by Customer during CDC Operations

- **916**: "The server principal "cloudSA" is not able to access the database "test1" under the current security context.": This error occurs when the customer tries to execute any cdc command after a geo failover on the new primary using server admin credentials. This is a known issue and the timeline for the fix is not yet known. The suggested workaround for the customer is to create a new user scoped to the database on the new primary using the t-sql command as follows

  1. Run CREATE USER 'username' WITH PASSWORD 'Pass_word1' on the user database
  2. Add db_owner role
  3. Connect to the db using this user
  4. Re-issue the cdc command.

- **18757**: "Unable to execute procedure. The database is not published. Execute the procedure in a database that is published for replication.": This error occurs when a capture job is run for a database not enabled for cdc. **Please ask the customer to enable database for cdc.**

- **22859**: "Log Scan process failed in processing log records. Refer to previous errors in the current session to identify the cause and correct any associated problems.": This error is thrown after the **logreader** has prepared all the information to the last scan for cdc but it is unable to process the required log records.

  Please escalate to the replication committers PG Team via ICM since it needs further investigation.

- **22903**: "Another connection is already running 'sp_replcmds' for Change Data Capture in the current database.": This error occurs when the customer attempts to run two capture jobs simultaneously. Only one capture job/session is able to run at any given time.

  On-call engineers (ICM) can provide this feedback to the customer if they customer reports this error. If the customer is running the capture job at a certain frequency, can suggest them to decrease the frequency.

- **33171**: "Only active directory users can impersonate other active directory users". Use the action and error to determine the cause of the failure and resubmit the request."

  This is a known [CDC limitation](#) ⧉:

  Microsoft Azure Active Directory (Azure AD)
  If you create a database in Azure SQL Database as an Microsoft Azure Active Directory (Azure AD) user and enable change data capture (CDC) on it, a SQL user (for example, even sysadmin role) won't be able to

disable/make changes to CDC artifacts. However, another Azure AD user will be able to enable/disable CDC on the same database.

Similarly, if you create an Azure SQL Database as a SQL user, enabling/disabling change data capture as an Azure AD user won't work.

Mitigation Steps

1. Log in as AAD admin of the server.
2. On the restored db run the below commands:

```
ALTER AUTHORIZATION ON DATABASE::[<restored_db_name>] to [<aad_admin_login_name>]
EXEC sp_cdc_enable_db
```

Related IcM: 299634257 ⧉

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