[SQL]Exception while connecting to on-prem database due to temporary table

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

Contents

Symptoms

SQL throws exception while connecting to on-prem database as can't find temporary table,

{ 'errorCode': '2200', 'message': 'Failure happened on 'Source' side. 'Type=System.Data.SqlClient.SqlException,Message=Invalid object name '#<tablename>'.,Source=.Net ⬀ SqlClient Data Provider,SqlErrorNumber=208,Class=16,ErrorCode=-2146232060,State=0,Errors= [{Class=16,Number=208,State=0,Message=Invalid object name '#<tablename>'.,},],'', 'failureType': 'UserError', 'target': 'FinsmartInput', 'details': [] }
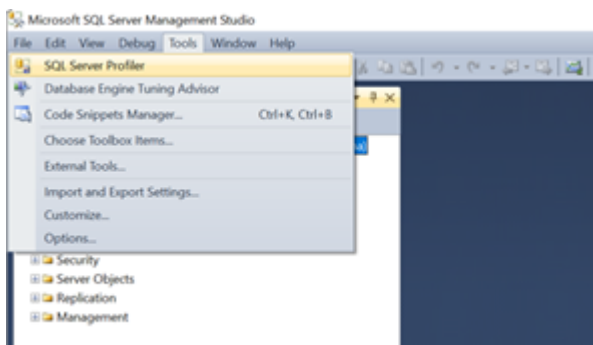
Cause

When SET FMTONLY ON is active then this issue will be caused, because in this kind issues ADF may be switching/turning FMTONLY ON
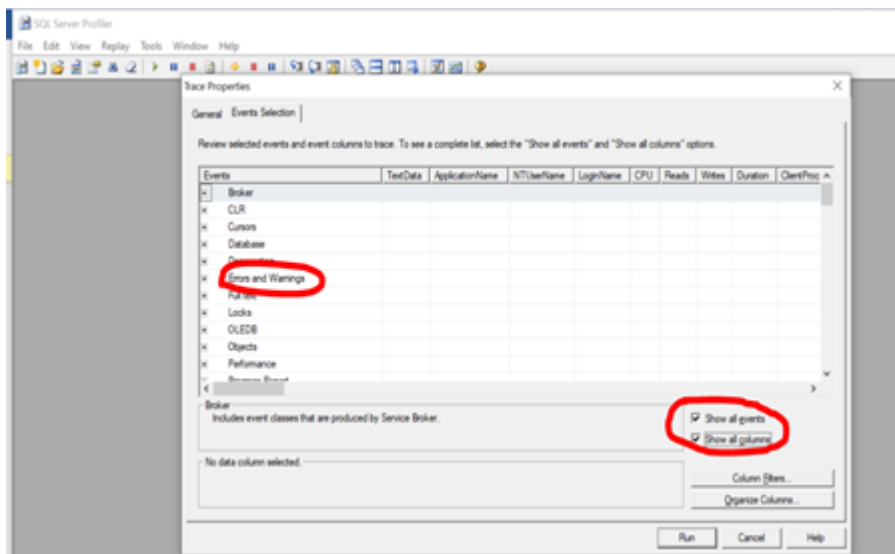
Resolution

It's better to create a test store procedure first with same script and try below steps to check first if that works
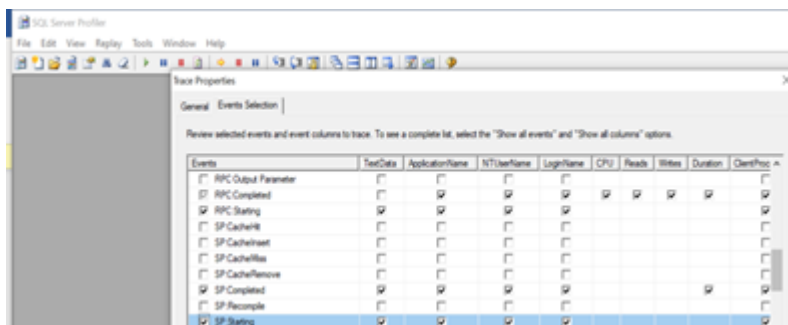
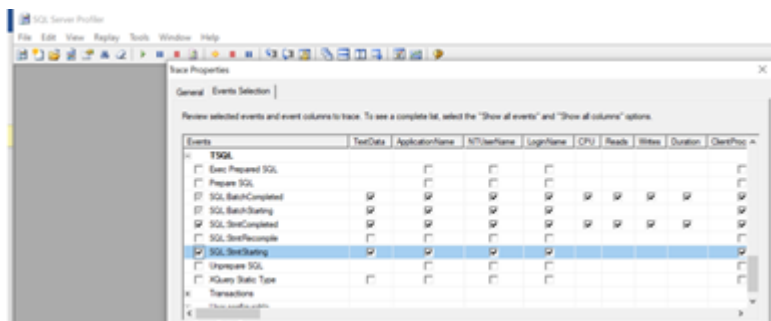• In studio need to open Profiler tracer -> tools - sql server profiler

• new trace - event selection - show all events (select)- right click or error and warnings (select event category).

• Under store proc – (check) RPC completed & starting – (check) SP completed and starting
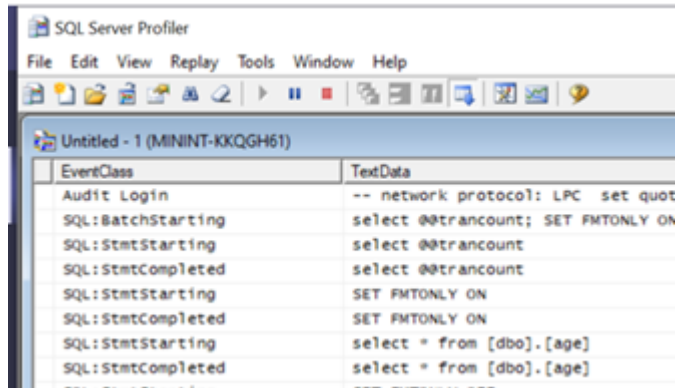

• (check) SP stmt Starting & Completed.

• Under TSQL - (check) SQL batch completed starting – (check) SQL stmt starting and completed .... and make it active.

• In the trace that above store procedure will be executed and it will show 2 other messages as

SET FMTONLY OFF or

SET FTM ON or

SET FMTONLY OFF and SET FMTONLY ON before it uses select exec [dbo].[age].

Note: Screenshot does not show exact messages, traces might vary from case to case

• So, then advise to add SET FMTONLY OFF in the store Procedure exactly after BEGIN statement which will make the store Procedure to run and fetch the data successfully.

SR Number

120081223000951

Engineer

Ashish & Samson

How good have you found this content?