

Failures while creating subscription and running agents

Last updated by | Keith Elmore | Apr 5, 2021 at 7:58 AM PDT

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Scenario

Customer encountered several errors while creating the publication and subscription:

Msg 21797, Level 16, State 1, Procedure sp_MSrepl_changelogreader_agent, Line 68

Cannot create the agent job. '@job_login' must be a valid Windows login in the form : 'MACHINE\Login' or 'DOMAIN\Login'. See the documentation for 'sp_changelogreader_agent'.

Msg 21797, Level 16, State 1, Procedure sp_MSrepl_addpublication_snapshot, Line 130

Cannot create the agent job. '@job_login' must be a valid Windows login in the form : 'MACHINE\Login' or 'DOMAIN\Login'. See the documentation for 'sp_addpublication_snapshot'.

Job 'FWDAXD-SQLVM002-spdd240_Venue_REPLICA-VENUE-MAIN-INT-NC-SQL.94772E-72' started successfully.

Msg 21797, Level 16, State 1, Procedure sp_MSrepl_addpushsubscription_agent, Line 201

Cannot create the agent job. '@job_login' must be a valid Windows login in the form : 'MACHINE\Login' or 'DOMAIN\Login'. See the documentation for 'sp_addpushsubscription_agent'.

Msg 20678, Level 16, State 1, Procedure sp_MSsnapshotagentjobcontrol, Line 39

Could not find the regular snapshot job for the specified publication 'spdd240_Venue_Replica_Tranrepl'.

Msg 14294, Level 16, State 1, Procedure sp_verify_job_identifiers, Line 25

Supply either @job_id or @job_name to identify the job.

Furthermore, the Distribution Agent later failed to run with:

Subscription VENUE-MAIN-INT-NC-SQL.94772E0BCBA1.DATABASE.WINDOWS.NET:s...

File Action Help

Last refresh: 8/7/2019 9:59:52 AM

Publisher To Distributor History **Distributor To Subscriber History** Undistributed Commands

View: **The last 100 synchronizations**

Sessions of the Distribution Agent:

Status	Start Time	End Time	Duration	Error Message
Error	8/7/2019 9:38:52 AM	8/7/2019 9:59:35 AM	00:20:43	The process could not connect to ...
Completed	8/7/2019 9:34:26 AM	8/7/2019 9:38:41 AM	00:04:15	

Actions in the selected session:

Action Message	Action Time
The process could not connect to Subscriber 'VENUE-MAIN-INT-NC-SQL.94772E0BCBA1.DATABASE.WINDOWS.NET'.	8/7/2019 9:59:35 AM
The process could not connect to Subscriber 'VENUE-MAIN-INT-NC-SQL.94772E0BCBA1.DATABASE.WINDOWS.NET'.	8/7/2019 9:49:46 AM
The process could not connect to Subscriber 'VENUE-MAIN-INT-NC-SQL.94772E0BCBA1.DATABASE.WINDOWS.NET'.	8/7/2019 9:39:57 AM
The initial snapshot for publication 'Venue' is not yet available.	8/7/2019 9:38:59 AM
Starting agent.	8/7/2019 9:38:52 AM

Error details or message of the selected session:

Error messages:

- The process could not connect to Subscriber 'VENUE-MAIN-INT-NC-SQL.94772E0BCBA1.DATABASE.WINDOWS.NET'. (Source: MSSQL_REPL, Error number: MSSQL_REPL20084)
Get help: http://help/MSSQL_REPL20084
- Cannot open server "FWDAXD-SQLVM002" requested by the login. The login failed. (Source: MSSQLServer, Error number: 40532)
Get help: <http://help/40532>

The process could not connect to Subscriber 'miservername.94772E0BCBA1.DATABASE.WINDOWS.NET'. (Source: MSSQL_REPL, MSSQL_REPL20084)

Cannot open server 'on-premise Distributor name' requested by the login. The login failed. (Source: MSSQLServer, Error number: 40532)

Solution:

The on-premise Publisher/Distributor was running SQL Server 2008 R2 10.50.6560. This is unsupported.

<https://docs.microsoft.com/en-us/azure/sql-database/replication-to-sql-database?view=sql-server-2017>

The publisher and distributor must be at least at one of the following versions:

SQL Server 2017 (14.x)

SQL Server 2016 (13.x)

SQL Server 2014 (12.x) SP1 CU3

SQL Server 2014 (12.x) RTM CU10

SQL Server 2012 (11.x) SP2 CU8 or SP3

Attempting to configure replication using an older version can result in error number MSSQL_REPL20084 (The process could not connect to Subscriber.) and MSSQL_REPL40532 (Cannot open server <name> requested by the login. The login failed.).

To use all the features of Azure SQL Database, you must be using the latest versions of SQL Server Management Studio and SQL Server Data Tools.

SQL Server 2014 SP1 CU3

SQL Server 2014 RTM CU10

SQL Server 2012 SP2 CU8

SQL Server 2012 expected in SP3

How good have you found this content?

