Post Installation Steps (to fix sql-server-identity-jumping-1000-identity_cache)

Summary

This article is a step by step guide to perform post installation SQL Server steps

Applies To

This article applies to all SQL Server versions

Issue

There is issue noticed in SQL database with table identities that are jumping values.

10,000 Jump:

2421	2711	879
2422	2712	468
2423	2713	468
2424	12713	614
2425	12714	515
2426	12715	722

2428	12717	878
2429	12718	880
2430	12719	483
2431	12720	290
2432	22720	290
2433	22721	290
2434	22722	290
2435	22723	884

Due to this, in our sample scenario 6585 rows are taking 26879 primary key values:

This is an issue with SQL Server and similar issue is explained on link below:

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https://blog.sqlauthority.com/2018/01/24/sql-server-identity-jumping-1000-identity_cache/

Fix

Please login as SA or Db Admin, select MachPanel_DB (or whatever the DB name) for your installation

Scenario A: SQL Server version 2017 or Later:

Run below command to turn Identity Cache to Off.

ALTER DATABASE SCOPED CONFIGURATION SET IDENTITY_CACHE=OFF;

GO

Scenario B: SQL Server versions Earlier than SQL Server 2017:

Perform following steps

1. Open up the SQL Server Configuration Manager

- 2. Click the left side of the SQL services in the below image.
- 3. Right click on the SQL Server instant name at the right pane as shown in the above image. Default value is: SQL Server (MSSQLSERVER),

Click the **Properties** option as shown in the above image.

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2L Server Configuration Manager (Local) SQL Server Network Configuration (32bit SQL Native Client 11.0 Configuration (32l SQL Server Network Configuration SQL Native Client 11.0 Configuration	SQL Full-text Filter Daemon Launcher (MISSQLSERVER) SQL Server Launchpad (MISSQLSERVER) SQL Server (MISSQLSERVER)	Running Running	Start Mode Automatic Manual Automatic Start	Log On As NT Service\MsDtsS NT Service\MSSQL NT Service\MSSQL NT Service\MSSQL	Process ID 4444 6304 5048 2488	Service Type SQL Server
	SQL Server Analysis Services (MSSQLSERVER) SQL Server Reporting Services (MSSQLSERVER) SQL Server Browser SQL Server Agent (MSSQLSERVER)	Running Running Stopped Running	Stop Pause Resume Restart	VT Service\MSSQL VT Service\ReportS VT AUTHORITY\LO VT Service\SQLSER	0	Analysis Server Report Server SQL Agent
			Properties Help			

- 4. Click the **Startup Parameters** tab as shown the below image.
- 5. Type -T272 in the Specify a startup parameter Textbox field and click Add

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6. **–T272** parameter will appear in the Existing parameters section as shown in below image.

SQL Sen	ver (MS	SSQLSERVE	R) Prope	rties ? X
Log On		Service	F	ILESTREAM
AlwaysOn High Availa	bility	Startup Pa	arameters	Advanced
Specify a startup param	neter:			
				Add
Existing parameters: -dE:\Program Files\Micr -eE:\Program Files\Micr -IE:\Program Files\Micro -T272	rosoft SQ	L Server MSS	QL11.MSS	Remove
< 111			>	
ОК		Cancel	Apply	Help

- 7. Click the Apply button and you will get the below Warning.
- 8. Click OK, as Warring message pops up, and Restart the SQL Server instant service.

	Warning	×
Ð	Any changes made will be saved; however, they will not take effect until the service is stopped and restarted.	
	ОК	

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MachPanel Knowledgebase

https://kb.machsol.com/Knowledgebase/55627/Post-Installation-Steps-to-fix-s...