[V7] ISSUE: The length of the device name provided exceeds supported limit (maximum length is:259) (MS SQL database backup)

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Product Version: AhsayOBM: 7.3.0.0 to 7.x OS: Windows

ATTENTION 1st January, 2022: v7 officially End-of-Life [details]

Problem Description

When performing a MS SQL database backup (ODBC backup mode), the following error message is received in the backup report:

No.	Туре	Timestamp	Log
*			
*	info		[Start] Backing up "SQL_hostname\\long_db_name" to "temp_path\long_db_name"
*	warn		[Microsoft][ODBC SQL Server Driver][SQL Server]Invalid device name. The length of the device name provided exceeds supported limit (maximum length is:259). Reissue the BACKUP statement with a valid device name.
*			m

Cause

This is a warning message returned by the SQL server, suggesting that length of the directory path to the backup device (e.g. temporary folder path plus the database name) exceeded 259 characters.

Note:

The maximum number of characters is a limit imposed by the SQL server and not AhsayOBM.

Resolution

To resolve the issue:

• Option 1 - Modify the temporary directory for storing backup files to a shorter directory path:

0	AhsayOBM	_ D X
MS SQL ODBC Back	Temporary Directory	
General	Temporary directory for storing backup files F:\\Tmp	Change
Source	Remove temporary files after backup	
Backup Schedule	Compressions	
Continuous Backup	Select compression type	
Destination	Fast (Compressed size larger than normal) \vee	
In-File Delta	Encryption	
Retention Policy	Do not use encryption	
Command Line Tool		
Reminder		
Bandwidth Control		
Others		
Hide advanced settings		
Delete this backup set		Save Cancel Help

or

• Option 2 - Rename the database to a shorter name if possible.

Refer to the following document for instruction: https://docs.microsoft.com/en-us/sql/relational-databases/databases/rename-a-database

or

• Option 3 - Create a new MS SQL Server backup set in VSS backup mode:

0	AhsayOBM	_ D X
	Create Backup Set	
	Name	
	MS SQL VSS Backup Set	
	Backup set type	
	MS SQL Server Backup	
	Backup mode	
	VSS (without staging data; support full, differential and incremental backup)	
	Server	
	W2K12R2-M5SQL2K	
	Login ID	
	sa	
	Password	
	Next Ca	ncel Help

Keywords

sql, odbc, exceed, exceeds, exceeded, max, maximum, char, character

