[V7] ISSUE: The statement BACKUP LOG is not allowed while the recovery model is SIMPLE (MS SQL transaction log backup)

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Product Version:
AhsayOBM: 7.15.2.0 to 7.x
OS: Windows

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

Problem Description

When performing a MS SQL transaction log backup (ODBC backup mode), the following warning message is received in the backup report::

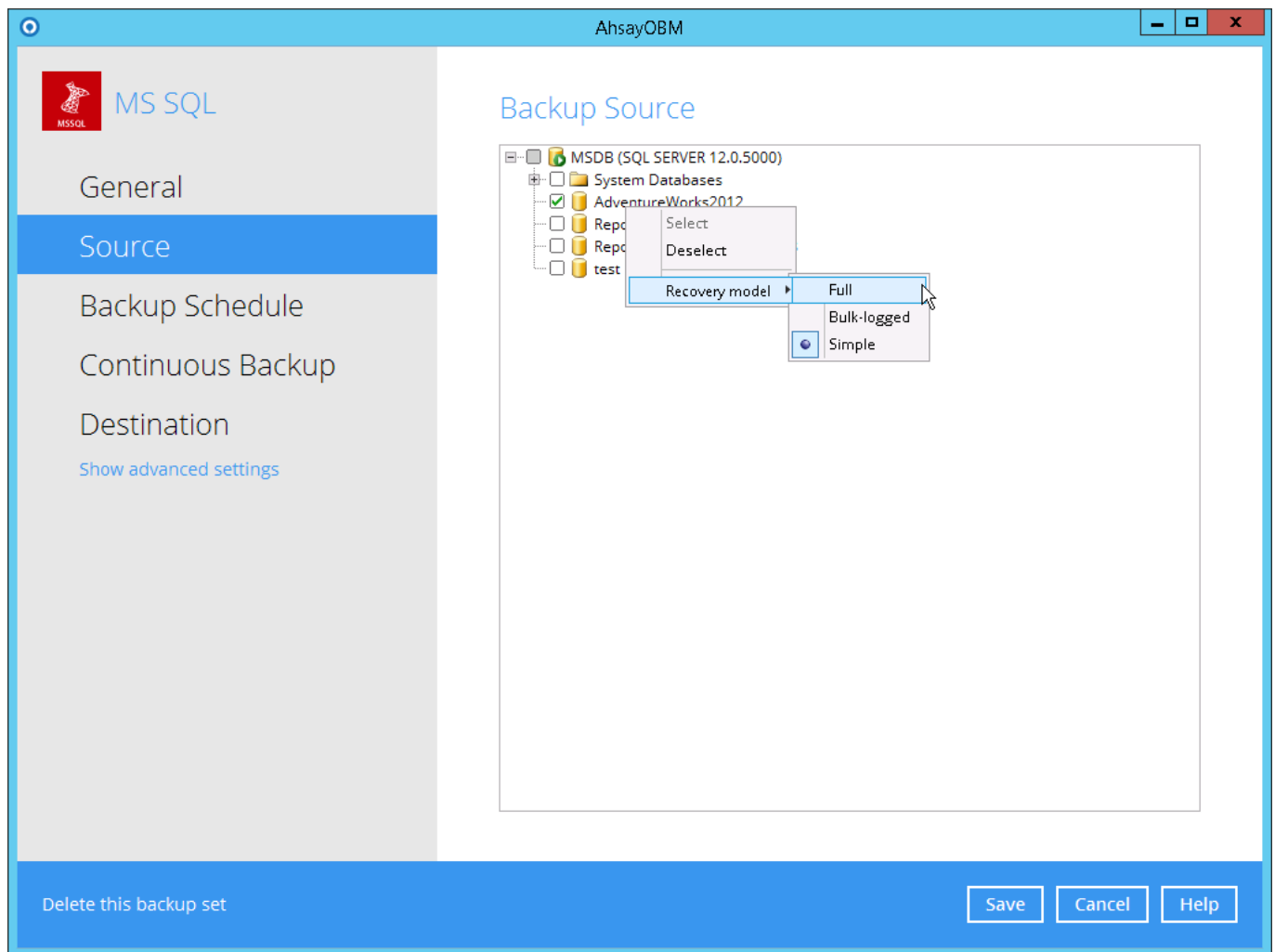| No.	Type	Timestamp	Log
*	...	...	...
*	info	...	[Start] Backing up "SQL_hostname\MSDB\db_name" using "Transaction log" to "temp_path"
*	warn	YYYY/MM/DD hh:mm:ss	[Microsoft][ODBC SQL Server Driver][SQL Server]The statement BACKUP LOG is not allowed while the recovery model is SIMPLE. Use BACK UP DATABASE or change the recovery model using ALTER DATABASE.
*	...	...	...

Cause

The message suggests that recovery model of the database in concern is currently set to SIMPLE. When using the simple recovery model, the log is truncated when periodic checkpoints occur. Only full database and differential database backups are allowed.

The following table summarizes the recovery models and backup types available with each recovery model:

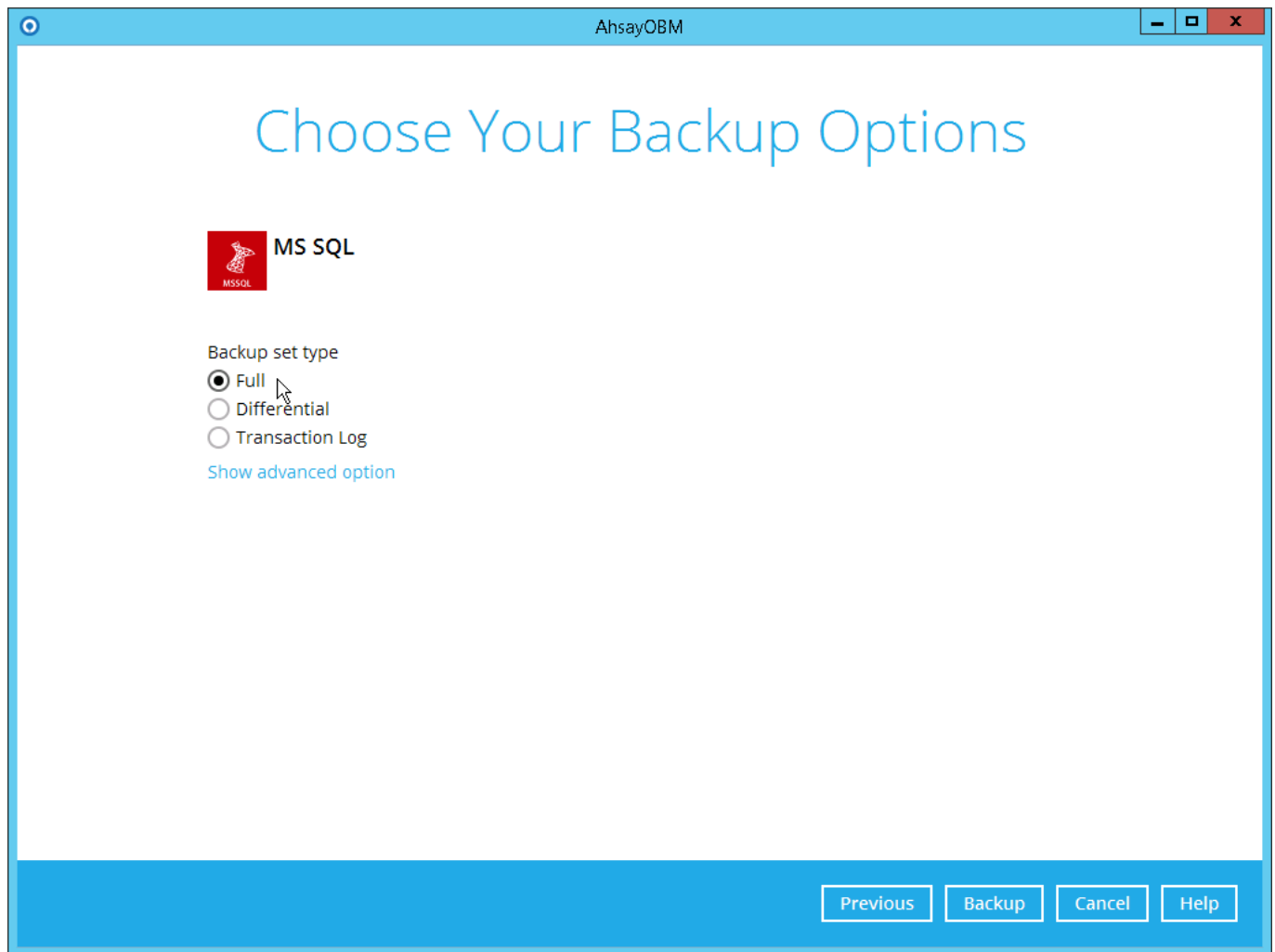| Recovery Model	Full Backup	Differential Backup	Transaction Log Backup
Simple	Supported	Supported	Not Supported
Bulk-Logged	Supported	Supported	Supported
Full	Supported	Supported	Supported

Resolution

To resolve the issue, modify the recovery model of the database in concern to FULL. Modify the recovery model of your database by right clicking on the corresponding database in the **Source** menu of AhsayOBM, and then select **Recovery model**:

Important:

Perform a Full database backup after you change the recovery model of your database (Details):

Keywords

sql, odbc, log, differential, database, MSSQL, recovery, model