


Log shipping - backup settings


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On step 2 of the wizard, specify the locations and file names for the transaction log backups, configure settings for managing existing backup files, and specify backup processing settings such as compression.

The screenshot shows the 'Log Shipping' wizard window, specifically 'Step 2 of 6: Configure settings for creating the transaction log backups'. The window is divided into two main sections: 'Source database backup options' and 'On completion'.
Source database backup options:
- 'Backup folder:' is set to 'C:\Backups'.
- 'Delete existing backup files in this folder for the selected databases' is checked. Below it, 'All files older than:' is set to '30 days', and 'All files except the latest:' is set to '5'.
- 'Compress backup' is checked. A slider is positioned between 'Minimum compression Highest speed' (1) and 'Maximum compression Lowest speed' (4).
- 'Encrypt backup' is unchecked. 'Encryption strength:' is set to '256-bit key'.
- 'Use multiple threads' is checked. 'Number of threads:' is set to '3'.
On completion:
- 'Send email notification' is checked. 'Recipient email address:' is 'dba@widget.com'. 'Send on:' is set to 'Error only'.
At the bottom, there are buttons for '< Back', 'Next >', 'Finish', and 'Cancel'.

Backup location

A default folder for the transaction log backups is displayed; the file names will be generated automatically. To change the folder, type the new path or click  and specify the folder using the folder browser. You can use tags in both the path and file name. For more information, see [File location tags](#).


 The file path is relative to the SQL Server that you are backing up. For example, if you back up a transaction log on a remote SQL Server instance called *ServerA* and you specify a local path such as *C:\Backups*, the backup files will be created on the C: drive on *ServerA*, not on the local machine.

If you specify a network share as the backup file location, the SQL Backup Agent service "log on" user must have *Full* permissions to access the location. For more information, see [Backing up and restoring on a network share](#).

File management

Select **Delete existing backup files in this folder for the selected databases** if you want SQL Backup Pro to delete backups of the selected database that exist in the destination backup folder. You can restrict deletion of existing backup files by age (**All files older than**) or number (**All files except the latest**).

By default, the files are deleted when the backup process has completed. If the backup fails, the files are not deleted. To delete the files before the backup is created, select the **Delete prior to start of backup** check box. For example, you may want to do this to create space for the new backup files. However, note that if the backup fails, the old files will have been deleted; you are therefore recommended to select this check box only if you have a copy of the existing backups.

 If SQL Backup Pro cannot list the contents of the folder that contains the files to be deleted, it cannot delete the files. Ensure that the user account from which you are running SQL Backup Pro has permissions to list the folder contents.

Backup processing

To compress the backups, select the **Compress backup** check box and select the compression level by moving the slider. For more information about compression levels, see [Compression levels](#).

To encrypt the backup, select the **Encrypt backup** check box, then type a password for the backup in **Password**, and again in **Confirm password**. You can choose 128-bit or 256-bit encryption.

Optimization

SQL Backup Pro can use multiple threads to create the backups. This can speed up the backup process. Select the **Use multiple threads** check box, and type or select the number of threads up to a maximum of 32. For more information about using multiple threads, see [Optimizing backup speed](#).

On completion

If you want to receive an email with a copy of the completion log, select **Send email notification**, and enter the recipient's email address. This option is available only if you have entered your email settings. For more information about setting up email notification, see [Email settings](#).

To send the log to multiple email addresses, type each address separated with a semi-colon (;). For example:

dba01@myco.com;dba02@myco.com

By default, email notifications are sent only when there are errors during the backup process (**Error only**). If you want to receive an email when an error or warning occurs, select **Error or warning**; to always receive an email on completion of the backup process (on success or failure), select **Any outcome**.

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