

Log shipping - specify source and destination database

[Log shipping](#) > [Specify databases](#) > [Backup settings](#) > [Network share](#) > [Restore settings](#) > [Schedule](#) > [Review summary](#)

On step 1 of the wizard, select the SQL Server instance and database that you want to back up (the source database), and the SQL Server instance and database to which you want to restore the transaction logs (the destination database).

Log Shipping

Step 1 of 6: Choose the database to back up (source database) and the database you want to restore to (destination database).

Source database

SQL Server: PRODUCTION

Database: AdventureWorksDW

Destination database

SQL Server: STANDBY

Use an existing database to restore to

Database: Northwind

Kill any existing connections to the database

Overwrite: initialize the destination database with a full backup of the source database

Create a new database to restore to

Database:

Folder for database data: C:\Program Files\Microsoft SQL Server\MSSQL10.S...

Folder for database log: C:\Program Files\Microsoft SQL Server\MSSQL10.S...

< Back Next > Finish Cancel

Note that if the selected SQL Server does not have the server components installed, a warning is displayed and you must install the server components to proceed.

In [step 3 of the wizard](#), you will specify the network share to which backup files will be copied. The user that the SQL Backup Agent service is running as on the source SQL Server must have permissions to create files on the network share you are going to use.

Similarly, the user that the SQL Backup Agent service is running as on the specified destination SQL Server must have permissions to access the network share and to erase files from the network share, so that it can move the files.

Source database

In the **SQL Server** list, select the SQL Server instance for the database for which you want to ship transaction logs.

In the **Database** list, select the database for which you want to ship transaction logs. The database cannot be in simple recovery mode or standby mode, and must not be a system database. It must also be online.

Destination database

Select the SQL Server on which you want to restore the transaction log backups.

You can then choose to restore the transaction logs to an existing database on the secondary SQL Server, or to a new database.

Restoring to an existing database

To restore the transaction logs to an existing database on the secondary SQL Server, select **Use an existing database to restore to**, and then select the name of the database.

To automatically kill any existing connections to the destination database before starting log shipping, select **Kill any existing connections to the database**. Log shipping will fail if there are existing connections to the destination database; if you do not select this option, you will need to kill existing connections manually.

By default, SQL Backup Pro will create a full backup of the source database and restore it to the secondary SQL Server prior to creating the log shipping tasks. This effectively overwrites the destination database, and ensures that the destination database is in the correct state for restoring the transaction log backups.

If you have already prepared your destination database so that it is ready to receive transaction logs, you should clear the **Overwrite: initialize the destination database with a full backup of the source database** check box. You must ensure that the destination database is in `NO RECOVERY` or `STANDBY` mode, and is populated with the most recent backup of the source database. You must also restore any subsequent backups taken on the source database before log shipping can start.

Restoring to a new database

To restore the transaction logs to a new database, select **Create a new database to restore to**. Then type a name for the new database and specify the folders in which you want the database's data and log files to be stored.

[Next: backup settings](#)