


## Select the primary database

Use the **Primary** tab of the Log Shipping Policy Wizard to select which SQL Server instance will be the primary source for the log files. This is the database you will be backing up using log shipping.

What information is required on this tab?


On this tab, you have to specify the following fields:

- **SQL Server** - Select the SQL Server that contains the database to be backed up or click **Register** to register a new instance.
- **Database** - Select the database from which you will ship the backup logs.
- **Backup Job** - This schedule defines how often the backup job occurs. By default, SQL Safe schedules this job to occur every day, every 15 minutes between 12:00 AM and 11:59 PM and to start on the current date. Click **Schedule** to change the frequency and start date.
- **Backup Options** - These options allow you to change the methods used for compression, encryption, and the number of threads used when performing a backup.

 Log shipping cannot be performed on a database configured to use the simple recovery model. Your database should use the Full or the Bulk-logged recovery model. SQL Safe prompts you to change the recovery model if the simple recovery model is currently used in the database.

What types of compression algorithms are available?

- None
- IntelliCompress, optimize for size (iSpeed)
- IntelliCompress, optimize for speed (iSize)
- Levels 1, 2, 3, 4

 Backup operations using Level 1 complete fastest but achieve the least amount of compression. Level 4 achieves maximum compression but the backup operation may take longer.


For more information about backup compression and encryption, see [how to choose compression and encryption](#).

What types of encryption algorithms are available?

- None
- AES (128-bit)
- AES (256-bit)

If your SQL Server environment requires FIPS compliance, use the AES encryption option. For more information, see [ensure FIPS compliance](#).

What additional options are available?

You can also set to run Pre/Post-Backup Commands. Select **Configure..** to specify commands you want to execute before and/or after the backup completes. Click on  to add the cmd file. You can also select to Quit backup job if the pre-backup command fails. Yes is the default.

The command can be a script or a user executable, non-interactive program. It should be located on a UNC path.



When performing a backup, ensure the backup does not truncate the transaction logs of the database. Truncating the log will cause this log shipping policy to fail.

Once you select the primary database, click **NEXT** to [select the location](#).

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