# SQL Database Decommission Checklist

This document outlines the detailed steps for decommissioning a SQL Server database hosted on a shared SQL Server. It covers database removal, cleanup of related objects, and proper dismantling of log shipping configurations.

## 1. Database Decommissioning Tasks

### a. Disable Application Access

* Revoke or disable logins related to the application.
* Verify no active connections.

### b. Backup

* Take a final full backup of the database (retain for compliance if required).
* Store in archive location.

### c. Remove Database

ALTER DATABASE [YourDBName] SET SINGLE\_USER WITH ROLLBACK IMMEDIATE;  
DROP DATABASE [YourDBName];

## 2. Related SQL Server Objects Cleanup

### a. Logins

* Identify logins specific to the database:

sp\_help\_revlogin;

* Drop or disable unnecessary logins:

DROP LOGIN [LoginName];

### b. SQL Agent Jobs

* Disable jobs related to the database:

EXEC msdb.dbo.sp\_update\_job @job\_name = 'JobName', @enabled = 0;

* Drop if not required:

EXEC msdb.dbo.sp\_delete\_job @job\_name = 'JobName';

### c. SSIS/SSAS Packages

* Remove or disable SSIS packages linked to the database.
* Remove SSAS data sources and cubes pointing to the database.

### d. Reporting Services (SSRS)

* Identify and remove SSRS data sources and reports connected to the database.

### e. Linked Servers

* Drop linked server objects not required:

EXEC sp\_dropserver 'LinkedServerName', 'droplogins';

## 3. Log Shipping Decommissioning Steps

### a. Validate Current Status

* On **Primary**:

EXEC master.dbo.sp\_help\_log\_shipping\_primary\_database @database = 'YourDBName';

* On **Secondary**:

EXEC master.dbo.sp\_help\_log\_shipping\_secondary\_database @secondary\_database = 'YourDBName';

### b. Disable Log Shipping Jobs

* On **Primary**:

EXEC msdb.dbo.sp\_update\_job @job\_name = 'LSBackup\_YourDBName', @enabled = 0;

* On **Secondary**:

EXEC msdb.dbo.sp\_update\_job @job\_name = 'LSCopy\_YourDBName', @enabled = 0;  
EXEC msdb.dbo.sp\_update\_job @job\_name = 'LSRestore\_YourDBName', @enabled = 0;

### c. Remove Log Shipping Configuration

* On **Primary**:

EXEC master.dbo.sp\_delete\_log\_shipping\_primary\_database @database = 'YourDBName';

* On **Secondary**:

EXEC master.dbo.sp\_delete\_log\_shipping\_secondary\_database @secondary\_database = 'YourDBName';

* On **Monitor** (if configured):

EXEC master.dbo.sp\_delete\_log\_shipping\_alert\_job;  
EXEC master.dbo.sp\_delete\_log\_shipping\_monitor\_secondary @secondary\_database = 'YourDBName';  
EXEC master.dbo.sp\_delete\_log\_shipping\_monitor\_primary @primary\_database = 'YourDBName';

### d. Drop Secondary Database (if required)

DROP DATABASE [YourDBName];

### e. Cleanup Jobs & History

* Manually delete orphaned log shipping jobs if any remain.
* Purge old history:

DELETE FROM msdb.dbo.log\_shipping\_monitor\_history\_detail WHERE database\_name = 'YourDBName';

### f. Validate Cleanup

SELECT \* FROM msdb.dbo.log\_shipping\_primary\_databases;  
SELECT \* FROM msdb.dbo.log\_shipping\_secondary\_databases;

* Both should return **0 rows**.

## 4. Post-Decommission Validation

* Confirm database is removed from sys.databases.
* Confirm no active logins remain.
* Confirm no scheduled jobs reference the old database.
* Confirm SSRS/SSIS/SSAS objects are removed.
* Confirm no linked servers are left pointing to the decommissioned database.

✅ With these steps, the database and its associated configurations (including log shipping) are fully decommissioned from the environment.