**Monitoring Log Shipping**

There are several methods for monitoring log shipping and they are as follows:

* SQL Server Reports
* Stored procedures
* Tables in MSDB database
* SQL Server Error Log

**SQL Server Reports (GUI)**

To view reports via the SSMS, right click the server – reports – standard reports – Log shipping Status

**Stored procedures (Run on Primary server)**

--EXECUTE ON PRIMARY

Use master

Go

sp\_help\_log\_shipping\_monitor

Use master

Go

sp\_help\_log\_shipping\_monitor\_primary

@primary\_server = 'server1', --<< PROVIDE THE PARAMETER SERVER NAME

@primary\_database = 'test' --<< PROVIDE THE PARAMETER DATABASE NAME

SELECT \*

FROM msdb.dbo.sysjobs

WHERE category\_id = 6

SELECT \*

FROM [msdb].[dbo].[sysjobhistory]

WHERE [message] like '%Operating system error%'

SELECT \*

FROM [msdb].[dbo].[log\_shipping\_monitor\_error\_detail]

WHERE [message] like '%Operating system error%'

EXEC xp\_readerrorlog 0,1,"Backup", Null

**Stored procedures (Run on Secondary server)**

--run on secondary server

Use master

Go

sp\_help\_log\_shipping\_monitor

Use master

Go

sp\_help\_log\_shipping\_monitor\_secondary

@secondary\_server = 'server2',

@secondary\_database = 'test'

SELECT \*

FROM msdb.dbo.sysjobs

WHERE category\_id = 6

SELECT \*

FROM [msdb].[dbo].[sysjobhistory]

WHERE [message] like '%Operating system error%'

SELECT \*

FROM [msdb].[dbo].[log\_shipping\_monitor\_error\_detail]

WHERE [message] like '%Operating system error%'

EXEC xp\_readerrorlog 0,1,"Restore",Null

**Tables in MSDB database**

SELECT \*

FROM msdb.dbo.sysjobs

WHERE category\_id = 6

SELECT \*

FROM [msdb].[dbo].[sysjobhistory]

WHERE [message] like '%Operating system error%'

SELECT \*

FROM [msdb].[dbo].[log\_shipping\_monitor\_error\_detail]

WHERE [message] like '%Operating system error%'

**SQL Server Error Log**

Select \* from sys.sysmessages

Where description like '%shipping%'

--Can execute on both servers

EXEC xp\_readerrorlog 0,1,"Error",Null

EXEC xp\_readerrorlog 0,1,"Shipping",Null

-- execute on Primary server

EXEC xp\_readerrorlog 0,1,"Backup",Null

-- execute on secondary servers

EXEC xp\_readerrorlog 0,1,"Restore",Null