**Source: MSSQLSERVER**

**Event ID: 17052**

**Description: The LOG FILE FOR DATABASE 'tempdb' IS FULL.**

**Back up the TRANSACTION LOG FOR the DATABASE TO free**

**up SOME LOG SPACE**

**Move TempDB from one drive to another drive. There are major two reasons why TempDB needs to move from one drive to other drive.**

**1) TempDB grows big and the existing drive does not have enough space.**

**2) Moving TempDB to another file group which is on different physical drive helps to improve database disk read, as they can be read simultaneously.**

**Follow direction below exactly to move database and log from one drive (c:) to another drive (d:) and (e:).**

**Open Query Analyzer and connect to your server. Run this script to get the names of the files used for TempDB.**

**USE TempDB**

**GO**

**EXEC sp\_helpfile**

**GO**

**The names of the files are usually tempdev and demplog by default. These names will be used in next statement. Run following code, to move mdf and ldf files.**

**USE master**

**GO**

**ALTER DATABASE TempDB MODIFY FILE**

**(NAME = tempdev, FILENAME = 'd:datatempdb.mdf')**

**GO**

**ALTER DATABASE TempDB MODIFY FILE**

**(NAME = templog, FILENAME = 'e:datatemplog.ldf')**

**GO**

**The definition of the TempDB is changed. However, no changes are made to TempDB till SQL Server restarts. Please stop and restart SQL Server and it will create TempDB files in new locations.**