**DeadLock Trace Tool**

The scripts are tested on SQL Server 2017 and 2019. This process can be part of the Winshuttle monitor tool. We can install it on any database and schedule it to run by using SQL Server Agent job.

**Pre-requirement:**

1. SQL Server 2017 or later version.
2. SQL Server default monitor session “**system\_health**” under Extended Events should be turned on.
3. SQL Server Agent must be turned on if we want to schedule the process.

**Steps to apply:**

1. Run script “**1.ad\_deadlock\_detail.sql**” to create table “**[dbo].[ad\_deadlock\_detail]**”.
2. Run script “**2.ProcessDeadLockDetail.sql**” to create the stored procedure “[dbo].[ProcessDeadLockDetail]”. This stored procedure will collect detailed deadlock information and store in table “**[dbo].[ad\_deadlock\_detail]**”. It will delete the records older than 60 days old also. It can be run manually or through scheduled SQL Server Agent Job.
3. This step is option. Run script “**3.Get\_Deadlock\_Detail\_Job.sql**” to create the SQL Server Agent job and schedule to run daily. Please note that you need to change the database name on this line to match the database that table and stored procedure located: **@database\_name=N'DBA'**