**Extended Events**

**Answer 1:**

CREATE EVENT SESSION [long\_batch] ON SERVER

ADD EVENT sqlserver.sql\_batch\_completed(

WHERE ([duration]>(5000000)))

GO

**Answer 2:**

CREATE EVENT SESSION [depracted\_Feature] ON SERVER

ADD EVENT sqlserver.deprecation\_announcement(

ACTION(sqlserver.client\_hostname,sqlserver.database\_name,sqlserver.sql\_text)

WHERE ([sqlserver].[database\_id]>(4))),

ADD EVENT sqlserver.deprecation\_final\_support(

ACTION(sqlserver.client\_hostname,sqlserver.database\_name,sqlserver.sql\_text)

WHERE ([sqlserver].[database\_id]>(4)))

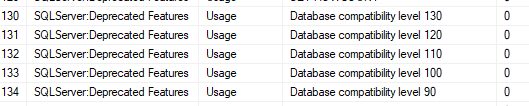
GO

select @@VERSION



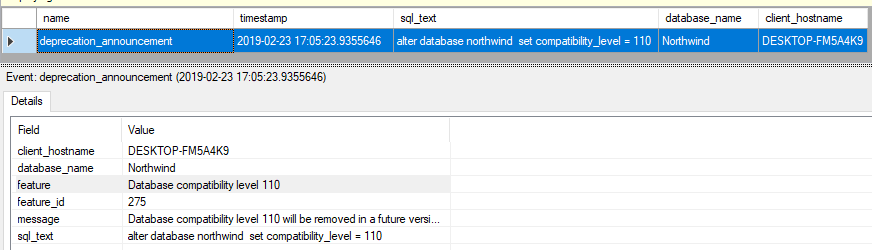
SELECT \* FROM sys.dm\_os\_performance\_counters

WHERE object\_name = 'SQLServer:Deprecated Features';



alter database northwind

set compatibility\_level = 110



**Answer 3:**

CREATE EVENT SESSION [deadlock\_monitor] ON SERVER

ADD EVENT sqlserver.lock\_deadlock(

ACTION(sqlserver.client\_hostname,sqlserver.database\_name,sqlserver.sql\_text)),

ADD EVENT sqlserver.lock\_deadlock\_chain(

ACTION(sqlserver.client\_hostname,sqlserver.database\_name,sqlserver.sql\_text))

WITH (MAX\_MEMORY=4096 KB,EVENT\_RETENTION\_MODE=ALLOW\_SINGLE\_EVENT\_LOSS,MAX\_DISPATCH\_LATENCY=30 SECONDS,MAX\_EVENT\_SIZE=0 KB,MEMORY\_PARTITION\_MODE=NONE,TRACK\_CAUSALITY=OFF,STARTUP\_STATE=OFF)

GO

**Answer 4:**

CREATE EVENT SESSION [function\_history] ON SERVER

ADD EVENT sqlserver.sequence\_function\_used(

ACTION(sqlserver.client\_hostname,sqlserver.database\_name,sqlserver.sql\_text)),

ADD EVENT sqlserver.window\_function\_used(

ACTION(sqlserver.client\_hostname,sqlserver.database\_name,sqlserver.sql\_text))

GO

**Answer 5:**

CREATE EVENT SESSION [page\_split ] ON SERVER

ADD EVENT sqlserver.page\_split(

ACTION(sqlserver.database\_name,sqlserver.query\_hash,sqlserver.sql\_text))

GO

