Create Procedure Decryptsp2K (@objName varchar(50))

AS

-- INPUT: object name (stored procedure, view or trigger)

DECLARE @a nvarchar(4000), @b nvarchar(4000), @c nvarchar(4000), @d nvarchar(4000), @i int, @t bigint

--get encrypted data

SET @a=(SELECT ctext FROM syscomments WHERE id = object\_id(@objName))

SET @b='ALTER PROCEDURE '+ @objName +' WITH ENCRYPTION AS '+REPLICATE('-', 4000-62)

EXECUTE (@b)

--get encrypted bogus SP

SET @c=(SELECT ctext FROM syscomments WHERE id = object\_id(@objName))

SET @b='CREATE PROCEDURE '+ @objName +' WITH ENCRYPTION AS '+REPLICATE('-', 4000-62)

--start counter

SET @i=1

--fill temporary variable

SET @d = replicate(N'A', (datalength(@a) / 2))

--loop

WHILE @i<=datalength(@a)/2

BEGIN

--xor original+bogus+bogus encrypted

SET @d = stuff(@d, @i, 1,

NCHAR(UNICODE(substring(@a, @i, 1)) ^

(UNICODE(substring(@b, @i, 1)) ^

UNICODE(substring(@c, @i, 1)))))

SET @i=@i+1

END

--drop original SP

EXECUTE ('drop PROCEDURE '+ @objName)

--remove encryption

--try to preserve case

SET @d=REPLACE((@d),'WITH ENCRYPTION', '')

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SET @d=REPLACE((@d),'with encryption', '')

IF CHARINDEX('WITH ENCRYPTION',UPPER(@d) )>0

SET @d=REPLACE(UPPER(@d),'WITH ENCRYPTION', '')

--replace SP

execute( @d)

GO