**SQL Injection**

**Note:** SQL Injection is not always considered as a denial of service attack. In this document we describe a specific form of SQL injection that causes denial of service.

**Description**

One of SQL Server's most powerful commands is SHUTDOWN WITH NOWAIT, which causes SQL Server to shutdown, immediately stopping the Windows service. To restart SQL server after this command is issued, you need to use the SQL service manager or some other method of restarting SQL server [2]. An attacker can launch denial of service by “executing administration operations on the database, such as shutdown the DBMS” [1].

**References**

[1] "SQL Injection - OWASP", Owasp.org, 2016. [Online]. Available: <https://www.owasp.org/index.php/SQL_Injection>.

[2] https://www.sitepoint.com/sql-injection-attacks-safe/