



CVE-2016-0040

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CVE-2016-0040

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Windows 7](#) from [Microsoft](#) contain the following vulnerability:

The kernel in Microsoft Windows Vista SP2, Windows Server 2008 SP2 and R2 SP1, and Windows 7 SP1 allows local users to gain privileges via a crafted application, aka "Windows Elevation of Privilege Vulnerability."

CVE-2016-0040 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Microsoft Windows Bugs Let Remote Users Bypass Security, Remote Authenticated Users Execute Arbitrary Code, and Local Users Gain Elevated Privileges - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1034985
Microsoft Windows WMI - Recieve Notification Exploit (Metasploit) - Windows_x86-64 local Exploit	www.exploit-db.com	

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

CVE-2016-0040 Privilege Escalation Exploit For WMI Receive Notification Vulnerability (x86-64)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 7	-	sp1	x64	All
Operating System	Microsoft	Windows 7	-	sp1	x86	All
Operating System	Microsoft	Windows 7	-	sp1	x64	All
Operating System	Microsoft	Windows 7	-	sp1	x86	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	r2	sp1	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	r2	sp1	All	All
Operating System	Microsoft	Windows Vista	-	sp2	All	All
Operating System	Microsoft	Windows Vista	-	sp2	All	All

cpe:2.3:o:microsoft:windows_7:-:sp1:x64:*****:

cpe:2.3:o:microsoft:windows_7:-:sp1:x86:*****:

cpe:2.3:o:microsoft:windows_7:-:sp1:x64:*****:

cpe:2.3:o:microsoft:windows_7:-:sp1:x86:*****:

cpe:2.3:o:microsoft:windows_server_2008:-:sp2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:~::~~::~~::~~::~~::~~::
cpe:2.3:o:microsoft:windows_vista:-:sp2:~::~~::~~::~~::~~::~~::
cpe:2.3:o:microsoft:windows_vista:-:sp2:~::~~::~~::~~::~~::~~::

No vendor comments have been submitted for this CVE

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