



CVE-2019-1434

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CVE-2019-1434

Source: Mitre

Source: NIST

CVE.ORG

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Certain versions of [Windows 10](#) from [Microsoft](#) contain the following vulnerability:

An elevation of privilege vulnerability exists in Windows when the Windows kernel-mode driver fails to properly handle objects in memory, aka 'Win32k Elevation of Privilege Vulnerability'. This CVE ID is unique from CVE-2019-1393, CVE-2019-1394, CVE-2019-1395, CVE-2019-1396, CVE-2019-1408.

CVE-2019-1434 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
Security Update Guide - Microsoft Security Response Center	Patch Vendor Advisory portal.msrc.microsoft.com	MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1434

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 7	-	sp1	All	All
Operating System	Microsoft	Windows 7	-	sp1	All	All
Operating System	Microsoft	Windows 8.1	-	All	All	All
Operating System	Microsoft	Windows 8.1	-	All	All	All
Operating System	Microsoft	Windows Rt 8.1	-	All	All	All
Operating System	Microsoft	Windows Rt 8.1	-	All	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 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 Server 2008	r2	sp1	All	All
Operating System	Microsoft	Windows Server 2012	-	All	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All
Operating System	Microsoft	Windows Server 2012	-	All	All	All
Operating System	Microsoft	Windows Server 2012	r2	All	All	All

System

cpe:2.3:o:microsoft:windows_10:-:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_10:-:*:*:*:*:*:

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

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

cpe:2.3:o:microsoft:windows_8.1:-:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_8.1:-:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_rt_8.1:-:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_rt_8.1:-:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2008:-:sp2:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:*:*:*:*:itanium:*:

cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:*:*:*:*:x64:*:

cpe:2.3:o:microsoft:windows_server_2008:-:sp2:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:*:*:*:*:itanium:*:

cpe:2.3:o:microsoft:windows_server_2008:r2:sp1:*:*:*:*:x64:*:

cpe:2.3:o:microsoft:windows_server_2012:-:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2012:r2:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2012:-:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_server_2012:r2:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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