CVE-2016-7223

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CVE-2016-7223

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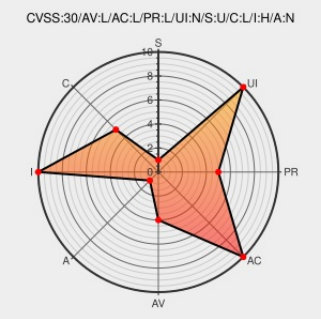

Certain versions of Windows 10 from Microsoft contain the following vulnerability:

Virtual Hard Disk Driver in Microsoft Windows 8.1, Windows Server 2012 Gold and R2, Windows RT 8.1, Windows 10 Gold, 1511, and 1607, and Windows Server 2016 does not properly restrict access to files, which allows local users to gain privileges via a crafted application, aka "VHD Driver Elevation of Privilege Vulnerability."

CVE-2016-7223 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 6.1 - MEDIUM

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

CVSS2 Score: 3.6 - LOW

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	NONE

CVE References

Description	Tags	Link
Microsoft Security Bulletin MS16-138 - Important | Microsoft Docs	docs.microsoft.com text/html	MS MS16-138
Microsoft Virtual Hard Disk Driver Lets Local Users Modify Restricted Files to Gain Elevated	www.securitytracker.com	

Privileges - SecurityTracker	text/html	SECTRACK 1037248
Microsoft Windows CVE-2016-7223 Local Privilege Escalation Vulnerability	cve.report (archive) text/html	BID 94003

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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	1511	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 10	1511	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 8.1	All	All	All	All
Operating System	Microsoft	Windows 8.1	All	All	All	All
Operating System	Microsoft	Windows Rt 8.1	All	All	All	All
Operating System	Microsoft	Windows Rt 8.1	All	All	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
Operating System	Microsoft	Windows Server 2016	-	All	All	All
Operating System	Microsoft	Windows Server 2016	-	All	All	All

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

cpe:2.3:o:microsoft:windows_10:1511:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows_10:1607:*:*:*:*:*:*:*:

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No vendor comments have been submitted for this CVE

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