

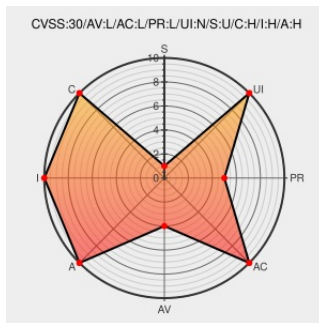


CVE-2016-7271

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CVE-2016-7271

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

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

The Secure Kernel Mode implementation in Microsoft Windows 10 Gold, 1511, and 1607 and Windows Server 2016 allows local users to bypass the virtual trust level (VTL) protection mechanism via a crafted application, aka "Secure Kernel Mode Elevation of Privilege Vulnerability."

CVE-2016-7271 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: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
Microsoft Security Bulletin MS16-150 - Important Microsoft Docs	docs.microsoft.com text/html	MS MS16-150
Windows Secure Kernel Mode Lets Local Users Gain Elevated Privileges -	www.securitytracker.com	SECTRACK

There are currently no QIDs associated with this CVE

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 Server 2016	All	All	All	All
Operating System	Microsoft	Windows Server 2016	All	All	All	All

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cpe:2.3:o:microsoft:windows_server_2016:.*:.*:.*:.*:.*:.*:.*:.*
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No vendor comments have been submitted for this CVE

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