

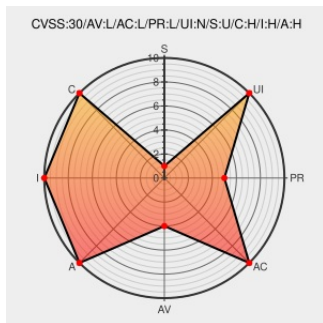


CVE-2019-1044

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CVE-2019-1044

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

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

A security feature bypass vulnerability exists when Windows Secure Kernel Mode fails to properly handle objects in memory. To exploit the vulnerability, a locally-authenticated attacker could attempt to run a specially crafted application on a targeted system, aka 'Windows Secure Kernel Mode Security Feature Bypass Vulnerability'.

CVE-2019-1044 has been assigned by [secure@microsoft.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Microsoft - Windows version 10 Version 1809 for 32-bit Systems**

Affected Vendor/Software: **Microsoft - Windows version 10 Version 1809 for x64-based Systems**

Affected Vendor/Software: **Microsoft - Windows version 10 Version 1809 for ARM64-based Systems**

Affected Vendor/Software: **Microsoft - Windows Server version 2019**

Affected Vendor/Software: **Microsoft - Windows Server version 2019 (Core installation)**

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

impact

COMPLETE

impact

COMPLETE

impact

COMPLETE

CVE References

Description	Tags	Link
No Description Provided	Patch Vendor Advisory portal.msrc.microsoft.com text/html	 MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1044

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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	1809	All	All	All
Operating System	Microsoft	Windows 10	1809	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All
Operating System	Microsoft	Windows Server 2019	-	All	All	All

cpe:2.3:o:microsoft:windows_10:1809:*****:

cpe:2.3:o:microsoft:windows_10:1809:*****:

cpe:2.3:o:microsoft:windows_server_2019:-:*****:

cpe:2.3:o:microsoft:windows_server_2019:-:*****:

No vendor comments have been submitted for this CVE

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