

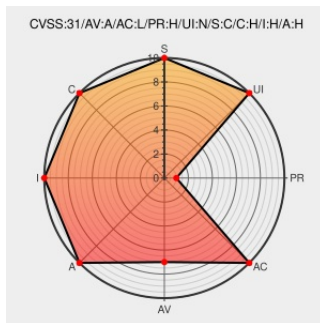


CVE-2019-1397

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CVE-2019-1397

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

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

A remote code execution vulnerability exists when Windows Hyper-V on a host server fails to properly validate input from an authenticated user on a guest operating system, aka 'Windows Hyper-V Remote Code Execution Vulnerability'. This CVE ID is unique from CVE-2019-1389, CVE-2019-1398.

CVE-2019-1397 has been assigned by secure@microsoft.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.4 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
ADJACENT_NETWORK	LOW	HIGH	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.7 - HIGH**

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Footer Resource links	Patch Vendor Advisory portal.msrc.microsoft.com	MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2019-1397

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

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	1607	All	All	All
Operating System	Microsoft	Windows 10	1709	All	All	All
Operating System	Microsoft	Windows 10	1803	All	All	All
Operating System	Microsoft	Windows 10	1809	All	All	All
Operating System	Microsoft	Windows 10	1903	All	All	All
Operating System	Microsoft	Windows 10	-	All	All	All
Operating System	Microsoft	Windows 10	1607	All	All	All
Operating System	Microsoft	Windows 10	1709	All	All	All
Operating System	Microsoft	Windows 10	1803	All	All	All
Operating System	Microsoft	Windows 10	1809	All	All	All
Operating System	Microsoft	Windows 10	1903	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 Server 2008	-	sp2	All	All
Operating System	Microsoft	Windows Server 2008	-	sp2	All	All

System						
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	1803	All	All	All
Operating System	Microsoft	Windows Server 2016	1903	All	All	All
Operating System	Microsoft	Windows Server 2016	-	All	All	All
Operating System	Microsoft	Windows Server 2016	1803	All	All	All
Operating System	Microsoft	Windows Server 2016	1903	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:-:*:*:*:*:x64.*:						
cpe:2.3:o:microsoft:windows_10:1607:*:*:*:*:x64.*:						
cpe:2.3:o:microsoft:windows_10:1709:*:*:*:*:x64.*:						
cpe:2.3:o:microsoft:windows_10:1803:*:*:*:*:x64.*:						
cpe:2.3:o:microsoft:windows_10:1809:*:*:*:*:x64.*:						
cpe:2.3:o:microsoft:windows_10:1903:*:*:*:*:x64.*:						
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cpe:2.3:o:microsoft:windows_10:1709:*:*:*:*:x64.*:						
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cpe:2.3:o:microsoft:windows_10:1903:*:*:*:*:x64.*:						
cpe:2.3:o:microsoft:windows_7:-:sp1:*:*:*:*:x64.*:						

cpe:2.3:o:microsoft:windows_7:-:sp1:*:*:*:*:x64:*:
cpe:2.3:o:microsoft:windows_8.1:-:~:*:*:*:*:x64:*:
cpe:2.3:o:microsoft:windows_8.1:-:~:*:*:*:*:x64:*:
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:*:*:*:*:x64:*:
cpe:2.3:o:microsoft:windows_server_2008:-:sp2:*:*:*:*:x64:*:
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cpe:2.3:o:microsoft:windows_server_2019:-:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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