

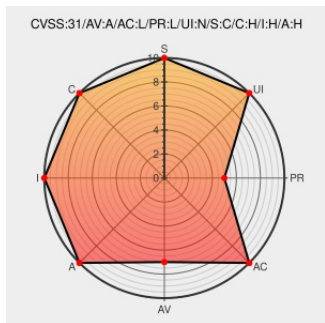


CVE-2020-1040

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CVE-2020-1040

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

Certain versions of [Windows Server 2008](#) from [Microsoft](#) contain the following vulnerability:

A remote code execution vulnerability exists when Hyper-V RemoteFX vGPU on a host server fails to properly validate input from an authenticated user on a guest operating system, aka 'Hyper-V RemoteFX vGPU Remote Code Execution Vulnerability'. This CVE ID is unique from CVE-2020-1032, CVE-2020-1036, CVE-2020-1041, CVE-2020-1042, CVE-2020-1043.

CVE-2020-1040 has been assigned by [secure@microsoft.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
ADJACENT_NETWORK	LOW	LOW	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
Security Notice: NVIDIA Response to Cisco Talos Report - July 2020 NVIDIA	Third Party Advisory nvidia.custhelp.com	CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/5044

[text/html](#)

No Description Provided

[Patch](#)[Vendor Advisory](#)[portal.msrc.microsoft.com](#)[text/html](#)[MISC portal.msrc.microsoft.com/en-US/security-guidance/advisory/CVE-2020-1040](#)

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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 Server 2008	r2	All	All	All
Operating System	Microsoft	Windows Server 2008	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 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_server_2008:r2:~::~~::x64:~::						
cpe:2.3:o:microsoft:windows_server_2008:r2:~::~~::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:~::~~::~~::						
cpe:2.3:o:microsoft:windows_server_2016:-::~~::~~::~~::						
cpe:2.3:o:microsoft:windows_server_2016:-::~~::~~::~~::						

No vendor comments have been submitted for this CVE

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