

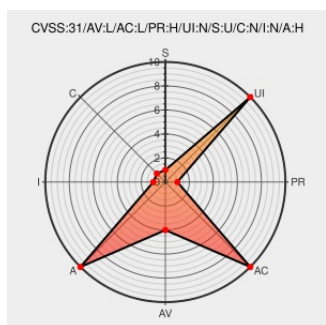


CVE-2020-5973

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CVE-2020-5973

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

Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

NVIDIA Virtual GPU Manager and the guest drivers contain a vulnerability in vGPU plugin, in which there is the potential to execute privileged operations, which may lead to denial of service. This affects vGPU version 8.x (prior to 8.4), version 9.x (prior to 9.4) and version 10.x (prior to 10.3).

CVE-2020-5973 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **NVIDIA - NVIDIA vGPU Software** version **All**

CVSS3 Score: **4.4 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

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

CVE References

Description	Tags	Link
USN-4404-2: Linux kernel vulnerabilities Ubuntu security notices	Third Party Advisory	UBUNTU USN-4404-2

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nvi

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	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Application	Nvidia	Virtual Gpu	All	All	All	All
Application	Nvidia	Virtual Gpu	All	All	All	All
Application	Nvidia	Virtual Gpu	All	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:*						
cpe:2.3:o:canonical:ubuntu_linux:19.10:*:*:*:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:20.04:*:*:*:lts:*:*:*						
cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:*						
cpe:2.3:o:canonical:ubuntu_linux:19.10:*:*:*:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:20.04:*:*:*:lts:*:*:*						
cpe:2.3:a:nvidia:virtual_gpu:*:*:*:*:*:						
cpe:2.3:a:nvidia:virtual_gpu:*:*:*:*:*:						

cpe:2.3:a:nvidia:virtual_gpu:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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