

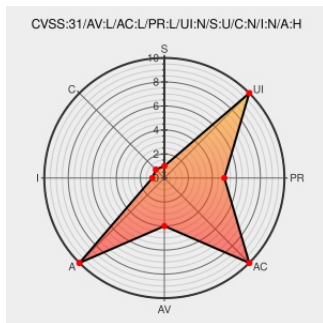


CVE-2022-28191

Published on: Not Yet Published

Last Modified on: 05/26/2022 04:34:00 PM UTC

CVE-2022-28191

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

Certain versions of [Virtual Gpu](#) from [Nvidia](#) contain the following vulnerability:

NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager (nvidia.ko), where uncontrolled resource consumption can be triggered by an unprivileged regular user, which may lead to denial of service.

CVE-2022-28191 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **NVIDIA - NVIDIA Virtual GPU Software and NVIDIA Cloud Gaming** version **vGPU version 14.x (prior to 14.1), version 13.x (prior to 13.3) and version 11.x (prior 11.8).**

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **4.9 - MEDIUM**

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

CVE References

Description	Tags	Link
Security Bulletin: NVIDIA GPU Display Driver - May 2022 NVIDIA	nvidia.custhelp.com text/html	MISC nvidia.custhelp.com/app/answers/detail/a_id/5353

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Related QID Numbers

180827 Debian Security Update for nvidia-graphics-drivers-tesla-470nvidia-graphics-drivers (CVE-2022-28191)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nvidia	Virtual Gpu	All	All	All	All
Application	Nvidia	Virtual Gpu	14.0	All	All	All
cpe:2.3:a:nvidia:virtual_gpu:*.*:~::~:						
cpe:2.3:a:nvidia:virtual_gpu:14.0:~::~:						

No vendor comments have been submitted for this CVE

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Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-28191 : NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager nvidia.co , where uncont... twitter.com/i/web/status/1...	2022-05-17 19:24:58
 /r/netcve	CVE-2022-28191	2022-05-17 20:39:05