



CVE-2021-1102

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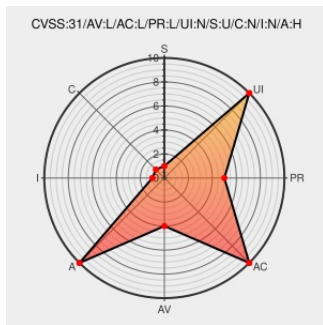
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CVE-2021-1102

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

NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager (vGPU plugin), where it can lead to floating point exceptions, which may lead to denial of service. This affects vGPU version 12.x (prior to 12.3), version 11.x (prior to 11.5) and version 8.x (prior 8.8).

CVE-2021-1102 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **NVIDIA - NVIDIA Virtual GPU Software** version **vGPU version 12.x (prior to 12.3), version 11.x (prior to 11.5) and version 8.x (prior 8.8)**.

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: **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
Security Bulletin: NVIDIA GPU Display Drivers - July 2021 NVIDIA	nvidia.custhelp.com text/html	CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/5211

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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
Application	Nvidia	Virtual Gpu	All	All	All	All
Application	Nvidia	Virtual Gpu Manager	All	All	All	All

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

```
cpe:2.3:a:nvidia:virtual_gpu_manager:*:*:*:*:*:*:
```

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-1102 : NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager vGPU plugin , where it ca... twitter.com/i/web/status/1...	2021-07-21 03:01:20
 @hernanespinoza	CVEnew: CVE-2021-1102 NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager (vGPU plugin), where... twitter.com/i/web/status/1...	2021-07-21 07:14:35
 @threatmeter	CVE-2021-1102 NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager (vGPU plugin), where it can... twitter.com/i/web/status/1...	2021-07-22 07:09:35
 /r/netcve	CVE-2021-1102	2021-07-21 03:38:47

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