CVE-2021-1100

Published on: 07/20/2021 12:00:00 AM UTC

Last Modified on: 09/14/2021 06:18:00 PM UTC

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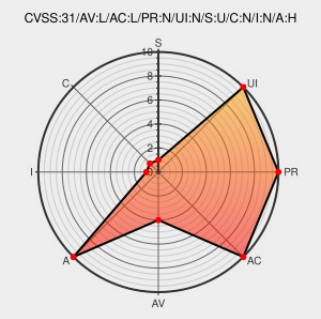

Certain versions of Virtual Gpu from Nvidia contain the following vulnerability:

NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager kernel mode driver (nvidia.ko), in which a pointer to a user-space buffer is not validated before it is dereferenced, 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-2021-1100 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

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-2021-1100 : NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager #kernel mode driver nvidi… twitter.com/i/web/status/1…	2021-07-21 03:00:43
@threatmeter	CVE-2021-1100 NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager kernel mode driver (nvidia.k… twitter.com/i/web/status/1…	2021-07-22 07:09:36
/r/netcve	CVE-2021-1100	2021-07-21 03:38:46

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