



# CVE-2021-1099

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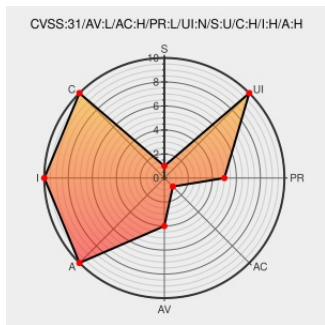
Last Modified on: 07/27/2021 05:35:00 PM UTC

## CVE-2021-1099

[Source: Mitre](#)

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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) that could allow an attacker to cause stack-based buffer overflow and put a customized ROP gadget on the stack. Such an attack may lead to information disclosure, data tampering, or 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-2021-1099 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** 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: **7.8 - HIGH**

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

CVSS2 Score: **4.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
<b>LOCAL</b>	<b>LOW</b>	<b>NONE</b>
Confidentiality Impact	Integrity Impact	Availability Impact
<b>PARTIAL</b>	<b>PARTIAL</b>	<b>PARTIAL</b>

## CVE References

Description	Tags	Link
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Description

Tags

Links

Security Bulletin: NVIDIA GPU Display Drivers - July 2021 | NVIDIA

[nvidia.custhelp.com text/html](https://nvidia.custhelp.com/text/html)

 CONFIRM [nvidia.custhelp.com/app/answers/detail/a\\_id/5211](https://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
cpe:2.3:a:nvidia:virtual_gpu:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-1099 : NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager vGPU plugin that could a... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2021-07-21 03:00:24
 @SecRiskRptSME	RT: CVE-2021-1099 NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager (vGPU plugin) that coul... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2021-07-21 07:21:25
 @threatmeter	CVE-2021-1099 NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager (vGPU plugin) that could all... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2021-07-22 07:09:37
 /r/netcve	<a href="#">CVE-2021-1099</a>	2021-07-21 03:38:45

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