



# CVE-2021-1097

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

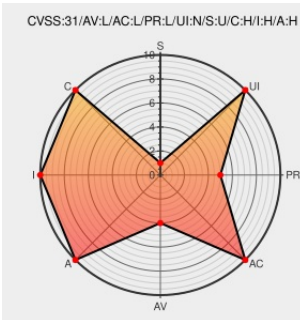
Last Modified on: 07/30/2021 01:03:00 PM UTC

## CVE-2021-1097

Source: Mitre

Source: Nist

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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 improperly validates the length field in a request from a guest. This flaw allows a malicious guest to send a length field that is inconsistent with the actual length of the input, which 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-2021-1097 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
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **4.6 - MEDIUM**

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

## CVE References

Description	Tags	Link				
Security Bulletin: NVIDIA GPU Display Drivers - July 2021   NVIDIA	<a href="https://nvidia.custhelp.com/text/html">nvidia.custhelp.com</a> <a href="https://nvidia.custhelp.com/text/html">text/html</a>	 CONFIRM <a href="https://nvidia.custhelp.com/app/answers/detail/a_id/5211">nvidia.custhelp.com/app/answers/detail/a_id/5211</a>				
<p>By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to <a href="mailto:comment@cve.report">comment@cve.report</a>.</p>						
There are currently no QIDs associated with this CVE						
Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Nvidia</a>	<a href="#">Virtual Gpu</a>	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-2021-1097 : NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager vGPU plugin , where it im... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>					2021-07-21 02:59:42
 @SecRiskRptSME	RT: CVE-2021-1097 NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager (vGPU plugin), where it... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>					2021-07-21 07:21:24
 @threatmeter	CVE-2021-1097 NVIDIA vGPU software contains a vulnerability in the Virtual GPU Manager (vGPU plugin), where it impr... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>					2021-07-22 07:09:38
 /r/netcve	<a href="#">CVE-2021-1097</a>					2021-07-21 03:38:43
<a href="#">← Previous ID</a>			<a href="#">Next ID →</a>			

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