



# CVE-2021-1091

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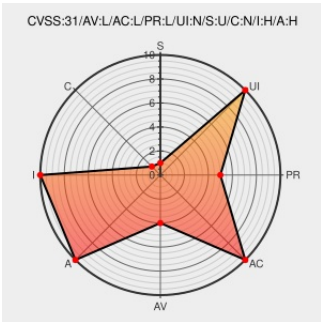
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## CVE-2021-1091

[Source: Mitre](#)

[Source: Nist](#)

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

NVIDIA GPU Display driver for Windows contains a vulnerability where an unprivileged user can create a file hard link that causes the driver to overwrite a file that requires elevated privilege to modify, which could lead to data loss or denial of service.

CVE-2021-1091 has been assigned by [psirt@nvidia.com](mailto:psirt@nvidia.com) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [NVIDIA](#) - **NVIDIA GPU Display Driver** version **All GPU Driver versions**

CVSS3 Score: **7.1 - 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>NONE</b>	<b>HIGH</b>	<b>HIGH</b>

CVSS2 Score: **3.6 - LOW**

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

## 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 text/html</a>	<a href="https://nvidia.custhelp.com/app/answers/detail/a_id/5211">CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/5211</a>

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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	<a href="#">Nvidia</a>	<a href="#">Gpu Display Driver</a>	All	All	All	All
<code>cpe:2.3:a:nvidia:gpu_display_driver:*:*:*:*:windows:*:*</code>						

No vendor comments have been submitted for this CVE

### Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-1091 : NVIDIA GPU Display driver for #Windows contains a vulnerability where an unprivileged user can crea... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a>	2021-07-22 04:31:25
 /r/netcve	<a href="#">CVE-2021-1091</a>	2021-07-22 04:38:36

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