CVE-2019-5695

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CVE-2019-5695

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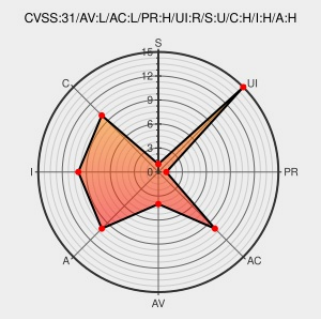

Certain versions of Windows from Microsoft contain the following vulnerability:

NVIDIA GeForce Experience (prior to 3.20.1) and Windows GPU Display Driver (all versions) contains a vulnerability in the local service provider component in which an attacker with local system and privileged access can incorrectly load Windows system DLLs without validating the path or signature (also known as a binary planting or DLL preloading attack), which may lead to denial of service or information disclosure through code execution.

CVE-2019-5695 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **NVIDIA** - **NVIDIA GeForce Experience** version **prior to 3.20.1**

Affected Vendor/Software: **NVIDIA** - **NVIDIA Windows GPU Display Driver** version **all versions**

CVSS3 Score: 6.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	HIGH	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 6.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Security Bulletin: NVIDIA GPU Display Driver - November 2019 | NVIDIA	Patch Vendor Advisory nvidia.customhelp.com text/html	CONFIRM nvidia.customhelp.com/app/answers/detail/a_id/4907
NVIDIA GPU Display Drivers for Windows and GFE Software - DLL Preloading and Potential Abuses (CVE-2019-5694, CVE-2019-5695)	safebreach.com text/html	MISC safebreach.com/Post/NVIDIA-GPU-Display-Drivers-for-Windows-and-GFE-Software-DLL-Preloading-and-Potential-Abuses-CVE-2019-5694-CVE-2019-5695
Security Bulletin: NVIDIA GeForce Experience - November 2019 | NVIDIA	Patch Vendor Advisory nvidia.customhelp.com text/html	CONFIRM nvidia.customhelp.com/app/answers/detail/a_id/4860

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Application	Nvidia	Geforce Experience	All	All	All	All
Application	Nvidia	Geforce Experience	All	All	All	All
Application	Nvidia	Gpu Driver	All	All	All	All
Application	Nvidia	Gpu Driver	All	All	All	All

cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:*:*:

cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:*:*:

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cpe:2.3:a:nvidia:gpu_driver:*:*:*:*:*:*:*:*:

cpe:2.3:a:nvidia:gpu_driver:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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