



CVE-2017-6257

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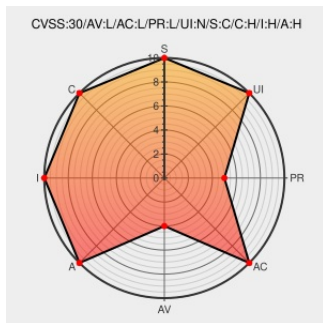
CVE-2017-6257

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[Source: NIST](#)

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Certain versions of [Freebsd](#) from [Freebsd](#) contain the following vulnerability:

NVIDIA GPU Display Driver contains a vulnerability in the kernel mode layer handler where a NULL pointer dereference may lead to denial of service or potential escalation of privileges

CVE-2017-6257 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Nvidia Corporation - NVIDIA GPU Display Driver** version **All**

CVSS3 Score: **8.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.2 - HIGH**

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

CVE References

Description	Tags	Link
Security Bulletin: NVIDIA GPU display driver contains multiple vulnerabilities in the kernel mode layer handler NVIDIA	Vendor Advisory nvidia.custhelp.com text/html	CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/4525

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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
Operating System	Freebsd	Freebsd	-	All	All	All
Operating System	Freebsd	Freebsd	-	All	All	All
Operating System	Linux	Kernel	-	All	All	All
Operating System	Linux	Kernel	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Application	Nvidia	Gpu Driver	-	All	All	All
Application	Nvidia	Gpu Driver	-	All	All	All
Operating System	Oracle	Solaris	-	All	All	All
Operating System	Oracle	Solaris	-	All	All	All
cpe:2.3:o:freebsd:freebsd:-:*:*:*:*:*:						
cpe:2.3:o:freebsd:freebsd:-:*:*:*:*:*:						
cpe:2.3:o:linux:kernel:-:*:*:*:*:*:						
cpe:2.3:o:linux:kernel:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:						
cpe:2.3:o:microsoft:windows:-:*:*:*:*:*:						
cpe:2.3:a:nvidia:gpu_driver:-:*:*:*:*:*:						
cpe:2.3:a:nvidia:gpu_driver:-:*:*:*:*:*:						
cpe:2.3:o:oracle:solaris:-:*:*:*:*:*:						
cpe:2.3:o:oracle:solaris:-:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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