



CVE-2015-7869

Published on: 11/24/2015 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:11 PM UTC

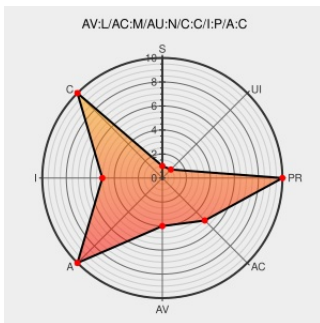
CVE-2015-7869

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

Multiple integer overflows in the kernel mode driver for the NVIDIA GPU graphics driver R340 before 341.92, R352 before 354.35, and R358 before 358.87 on Windows and R304 before 304.131, R340 before 340.96, R352 before 352.63, and R358 before 358.16 on Linux allow local users to obtain sensitive information, cause a denial of

service (crash), or possibly gain privileges via unknown vectors, which trigger uninitialized or out of bounds memory access. NOTE: this identifier has been SPLIT per ADT2 and ADT3 due to different vulnerability type and affected versions. See CVE-2015-8328 for the vulnerability in the NVAPI support layer in NVIDIA drivers for Windows.

CVE-2015-7869 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **6.6 - MEDIUM**

Access Vector

LOCAL

Access Complexity

MEDIUM

Authentication

NONE

Confidentiality Impact

COMPLETE

Integrity Impact

PARTIAL

Availability Impact

COMPLETE

CVE References

Description

Tags

Link

Security Bulletin: CVE-2015-7869: Unsanitized User Mode Input | NVIDIA

[Vendor Advisory](#)
[nvidia.custhelp.com](#)
[text/html](#)

[CONFIRM](#)
[nvidia.custhelp.com/app/answers/detail/a_id/3808/kw/security](#)

NVIDIA NVAPI and Kernel Mode Driver Bugs Let Local Users Deny Service, Obtain Potentially Sensitive Information, and Gain Elevated Privileges - SecurityTracker

[Third Party Advisory](#)
[VDB Entry](#)
[securitytracker.com](#)
[text/html](#)

[SECTrack 1034176](#)

No Description Provided

Third Party Advisory

 HP HPSBHF03545

Vendor Advisory

h20565.www2.hp.com

text/html

USN-2814-1: NVIDIA graphics drivers vulnerability |
Ubuntu

Third Party Advisory

 UBUNTU USN-2814-1

ubuntu.com

text/html

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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	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.04	All	All	All
Operating System	Canonical	Ubuntu Linux	15.10	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Microsoft	Windows	All	All	All	All
Operating System	Microsoft	Windows	All	All	All	All
Application	Nvidia	Gpu Driver	All	All	All	All
Application	Nvidia	Gpu Driver	346.22	All	All	All
Application	Nvidia	Gpu Driver	All	All	All	All
Application	Nvidia	Gpu Driver	346.22	All	All	All

cpe:2.3:o:canonical:ubuntu_linux:12.04:*:*:*:lts:*:*:
cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:
cpe:2.3:o:canonical:ubuntu_linux:15.04:*:*:*:*:*:
cpe:2.3:o:canonical:ubuntu_linux:15.10:*:*:*:*:*:
cpe:2.3:o:canonical:ubuntu_linux:12.04:*:*:*:lts:*:*:
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cpe:2.3:o:canonical:ubuntu_linux:15.04:*:*:*:*:*:
cpe:2.3:o:canonical:ubuntu_linux:15.10:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:
cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:
cpe:2.3:o:microsoft:windows:*:*:*:*:*:
cpe:2.3:o:microsoft:windows:*:*:*:*:*:
cpe:2.3:a:nvidia:gpu_driver:*:*:*:*:*:
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No vendor comments have been submitted for this CVE

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