

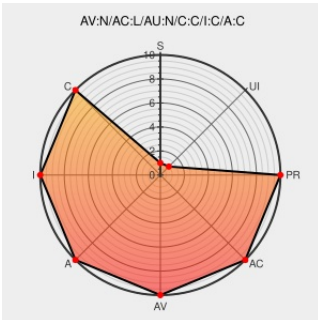


CVE-2015-5053

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CVE-2015-5053

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

The host memory mapping path feature in the NVIDIA GPU graphics driver R346 before 346.87 and R352 before 352.41 for Linux and R352 before 352.46 for GRID vGPU and vSGA does not properly restrict access to third-party device IO memory, which allows attackers to gain privileges, cause a denial of service (resource consumption), or

possibly have unspecified other impact via unknown vectors related to the follow_pfn kernel-mode API call.

CVE-2015-5053 has been assigned by [M](#) cve@mitre.org to track the vulnerability

CVSS2 Score: **10 - HIGH**

Access
Vector

NETWORK

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

COMPLETE

Integrity
Impact

COMPLETE

Availability
Impact

COMPLETE

CVE References

Description

Tags

Link

CVE-2015-5053: GPU mappings of third-party device IO memory

[Vendor Advisory](#)

[nvidia.custhelp.com](#)

[text/html](#)

CONFIRM

[nvidia.custhelp.com/app/answers/detail/a_id/3802](#)

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There are currently no CIDs associated with this CVE

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nvidia	Gpu Driver	346.16	All	All	All
Application	Nvidia	Gpu Driver	346.22	All	All	All
Application	Nvidia	Gpu Driver	346.35	All	All	All
Application	Nvidia	Gpu Driver	346.47	All	All	All
Application	Nvidia	Gpu Driver	346.59	All	All	All
Application	Nvidia	Gpu Driver	346.72	All	All	All
Application	Nvidia	Gpu Driver	346.82	All	All	All
Application	Nvidia	Gpu Driver	352.09	All	All	All
Application	Nvidia	Gpu Driver	352.21	All	All	All
Application	Nvidia	Gpu Driver	352.30	All	All	All
Application	Nvidia	Gpu Driver	352.41	All	All	All
Application	Nvidia	Gpu Driver	346.16	All	All	All
Application	Nvidia	Gpu Driver	346.22	All	All	All
Application	Nvidia	Gpu Driver	346.35	All	All	All
Application	Nvidia	Gpu Driver	346.47	All	All	All
Application	Nvidia	Gpu Driver	346.59	All	All	All
Application	Nvidia	Gpu Driver	346.72	All	All	All
Application	Nvidia	Gpu Driver	346.82	All	All	All
Application	Nvidia	Gpu Driver	352.09	All	All	All
Application	Nvidia	Gpu Driver	352.21	All	All	All
Application	Nvidia	Gpu Driver	352.30	All	All	All
Application	Nvidia	Gpu Driver	352.41	All	All	All
cpe:2.3:a:nvidia:gpu_driver:346.16:*****:*						
cpe:2.3:a:nvidia:gpu_driver:346.22:*****:*						
cpe:2.3:a:nvidia:gpu_driver:346.35:*****:*						
cpe:2.3:a:nvidia:gpu_driver:346.47:*****:*						
cpe:2.3:a:nvidia:gpu_driver:346.59:*****:*						
cpe:2.3:a:nvidia:gpu_driver:346.72:*****:*						
cpe:2.3:a:nvidia:gpu_driver:346.82:*****:*						
cpe:2.3:a:nvidia:gpu_driver:352.09:*****:*						

cpe:2.3:a:nvidia:gpu_driver:352.21:*****:
cpe:2.3:a:nvidia:gpu_driver:352.30:*****:
cpe:2.3:a:nvidia:gpu_driver:352.41:*****:
cpe:2.3:a:nvidia:gpu_driver:346.16:*****:
cpe:2.3:a:nvidia:gpu_driver:346.22:*****:
cpe:2.3:a:nvidia:gpu_driver:346.35:*****:
cpe:2.3:a:nvidia:gpu_driver:346.47:*****:
cpe:2.3:a:nvidia:gpu_driver:346.59:*****:
cpe:2.3:a:nvidia:gpu_driver:346.72:*****:
cpe:2.3:a:nvidia:gpu_driver:346.82:*****:
cpe:2.3:a:nvidia:gpu_driver:352.09:*****:
cpe:2.3:a:nvidia:gpu_driver:352.21:*****:
cpe:2.3:a:nvidia:gpu_driver:352.30:*****:
cpe:2.3:a:nvidia:gpu_driver:352.41:*****:

No vendor comments have been submitted for this CVE

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