



CVE-2017-0351

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2017-0351
State	PUBLISHED
Assigner	nvidia
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-05-09 21:29:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	All versions of the NVIDIA GPU Display Driver contain a vulnerability in the kernel mode layer handler where a NULL pointer dereference can be triggered by a malicious user.

Risk And Classification

Primary CVSS: v3.0 7.8 HIGH from nvd@nist.gov

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

Problem Types: CWE-476 | Denial of Service, Escalation of Privileges

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.2		AV:L/AC:L/Au:N/C:C/I:C/A:C

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Local

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

AV:L/AC:L/Au:N/C:C/I:C/A:C

NVD Known Affected Configurations (CPE 2.3)

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Nvidia Corporation	GPU Display Driver	affected All versions	Not specified

References

Reference	Source
NVIDIA GPU Driver CVE-2017-0351 Local Privilege Escalation Vulnerability	af854a3a-2127-422
Security Bulletin: NVIDIA GPU Display driver contains multiple vulnerabilities in the kernel mode layer handler NVIDIA	af854a3a-2127-422
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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