



CVE-2020-25639

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2020-25639
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-04 22:15:00 UTC
Updated	2023-11-07 03:20:00 UTC
Description	A NULL pointer dereference flaw was found in the Linux kernel's GPU Nouveau driver functionality in versions prior to 5.12-

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	5.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	5.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Messaging Realtime Grid	2.0	All	All	All
Operating System	Redhat	Messaging Realtime Grid	2.0	All	All	All
Application	Redhat	Openshift Container Platform	4.4	All	All	All
Application	Redhat	Openshift Container Platform	4.5	All	All	All

Application	Redhat	Openshift Container Platform	4.6	All	All	All
Application	Redhat	Openshift Container Platform	4.4	All	All	All
Application	Redhat	Openshift Container Platform	4.5	All	All	All
Application	Redhat	Openshift Container Platform	4.6	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 33 Update: kernel-tools-5.10.20-200.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedo
[SECURITY] Fedora 33 Update: kernel-tools-5.10.20-200.fc33 - package-announce - Fedora Mailing-Lists		lists.fedo
[SECURITY] Fedora 32 Update: kernel-headers-5.10.20-100.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedo
1876995 – (CVE-2020-25639) CVE-2020-25639 kernel: NULL pointer dereference via nouveau ioctl can lead to DoS	MISC	bugzilla.r
[SECURITY] Fedora 32 Update: kernel-headers-5.10.20-100.fc32 - package-announce - Fedora Mailing-Lists		lists.fedo
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159135 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9140)
159136 Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel-container (ELSA-2021-9141)
198327 Ubuntu Security Notification for Linux kernel (OEM) vulnerabilities (USN-4911-1)
198363 Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4945-1)
198366 Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4949-1)
198377 Ubuntu Security Notification for Linux kernel (Raspberry Pi) vulnerabilities (USN-4945-2)
353150 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-001
6140292 AWS Bottlerocket Security Update for kernel (GHSA-62pv-3mv8-wx3m)
670396 EulerOS Security Update for kernel (EulerOS-SA-2021-1929)
670936 EulerOS Security Update for kernel (EulerOS-SA-2021-1929)
750428 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0075-1)
750434 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0060-1)
900084 CBL-Mariner Linux Security Update for kernel 5.10.52.1
900304 CBL-Mariner Linux Security Update for kernel 5.10.57.1

900319 CBL-Mariner Linux Security Update for kernel 5.10.60.1

901207 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (6523-1)

903272 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3936)

905937 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3936-1)

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