



CVE-2023-5345

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2023-5345
State	PUBLIC
Assigner	security@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-10-03 03:15:00 UTC
Updated	2023-10-24 17:51:00 UTC
Description	A use-after-free vulnerability in the Linux kernel's fs/smb/client component can be exploited to achieve local privilege escalation.

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Fedoraproject	Fedora	38	All	All	All
Operating System	Fedoraproject	Fedora	39	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.6	rc1	All	All
Operating System	Linux	Linux Kernel	6.6	rc2	All	All
Operating System	Linux	Linux Kernel	6.6	rc3	All	All

References

Reference	Source	Link	Tag
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
[SECURITY] Fedora 38 Update: kernel-6.5.6-200.fc38 - package-announce - Fedora Mailing-Lists	MISC	lists.fedoraproject.org	
[SECURITY] Fedora 37 Update: kernel-6.5.6-100.fc37 - package-announce - Fedora Mailing-Lists	MISC	lists.fedoraproject.org	
[SECURITY] Fedora 39 Update: kernel-6.5.6-300.fc39 - package-announce - Fedora Mailing-Lists	MISC	lists.fedoraproject.org	
kernel.dance/e6e43b8aa7cd3c3af686caf0c2e11819a886d705	MISC	kernel.dance	
CVE Program record	CVE.ORG	www.cve.org	can
NVD vulnerability detail	NVD	nvd.nist.gov	can

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

161236 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-13047)
161256 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7749)
199881 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6461-1)
199933 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6502-1)
199938 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6503-1)
199952 Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6502-2)
199957 Ubuntu Security Notification for Linux kernel (StarFive) Vulnerabilities (USN-6520-1)
199958 Ubuntu Security Notification for Linux kernel (NVIDIA) Vulnerabilities (USN-6502-3)
199973 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6502-4)
199982 Ubuntu Security Notification for Linux kernel (GCP) Vulnerability (USN-6537-1)
200074 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-6607-1)
242561 Red Hat Update for kpatch-patch (RHSA-2023:7734)
242575 Red Hat Update for kernel (RHSA-2023:7749)
284598 Fedora Security Update for kernel (FEDORA-2023-50bd7c9c12)
284599 Fedora Security Update for kernel (FEDORA-2023-830d9ec624)
285211 Fedora Security Update for kernel (FEDORA-2023-c3bb819677)
356530 Amazon Linux Security Advisory for kernel : ALAS2023-2023-385
6140013 AWS Bottlerocket Security Update for kernel (GHSA-868r-x68r-5c5p)
6140175 AWS Bottlerocket Security Update for kernel (GHSA-868r-x68r-5c5p)
755059 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4035-1)
755082 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4058-1)
755083 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4057-1)
755085 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4072-1)
755086 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4071-1)
755096 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4093-1)

755229 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4072-2)
755399 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 5 for SLE 15 SP5) (SUSE-SU-2023:4775-1)
755401 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 3 for SLE 15 SP5) (SUSE-SU-2023:4766-1)
755413 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 18 for SLE 15 SP4) (SUSE-SU-2023:4801-1)
755414 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 1 for SLE 15 SP5) (SUSE-SU-2023:4805-1)
755418 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 11 for SLE 15 SP4) (SUSE-SU-2023:4822-1)
755420 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 2 for SLE 15 SP5) (SUSE-SU-2023:4841-1)
755466 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 5 for SLE 15 SP5) (SUSE-SU-2023:4863-1)
755470 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 3 for SLE 15 SP5) (SUSE-SU-2023:4848-1)
755474 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 16 for SLE 15 SP4) (SUSE-SU-2023:4872-1)
907538 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31149-1)
907578 Common Base Linux Mariner (CBL-Mariner) Security Update for hyperv-daemons (31730-1)

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