



CVE-2023-4244

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

Summary

CVE	CVE-2023-4244
State	PUBLIC
Assigner	security@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-09-06 14:15:00 UTC
Updated	2023-10-29 02:43:00 UTC
Description	A use-after-free vulnerability in the Linux kernel's netfilter: nf_tables component can be exploited to achieve local privilege e

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 3623-1] linux-5.10 security update	MISC	lists.debian.org	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
kernel.dance/3e91b0ebd994635df2346353322ac51ce84ce6d8	MISC	kernel.dance	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[161237](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-13043)

[161344](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2024-12153)

[161345](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2024-12154)

161347 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2024-12151)
161417 Oracle Enterprise Linux Security Update for kernel (ELSA-2024-1248)
199841 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6444-1)
199844 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-1)
199847 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6443-1)
199848 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6446-1)
199858 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-2)
199859 Ubuntu Security Notification for Linux kernel (StarFive) Vulnerabilities (USN-6444-2)
199861 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6446-2)
199868 Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6446-3)
199881 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6461-1)
199883 Ubuntu Security Notification for Linux kernel (NVIDIA) Vulnerabilities (USN-6466-1)
199938 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6503-1)
199982 Ubuntu Security Notification for Linux kernel (GCP) Vulnerability (USN-6537-1)
200171 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6681-1)
200183 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6681-2)
200192 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6681-3)
200203 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6681-4)
200221 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-6716-1)
242985 Red Hat Update for kernel (RHSA-2024:1018)
242986 Red Hat Update for kernel-rt (RHSA-2024:1019)
243052 Red Hat Update for kernel (RHSA-2024:1248)
356530 Amazon Linux Security Advisory for kernel : ALAS2023-2023-385
356569 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-028
356612 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2023-042
6000265 Debian Security Update for linux-5.10 (DLA 3623-1)
6000429 Debian Security Update for linux (DLA 3710-1)
6140275 AWS Bottlerocket Security Update for kernel (GHSA-rmmr-77h8-w26x)

6140298 AWS Bottlerocket Security Update for kernel (GHSA-gg8j-j5j9-mhrh)

673595 EulerOS Security Update for kernel (EulerOS-SA-2023-3247)

673692 EulerOS Security Update for kernel (EulerOS-SA-2023-3275)

907595 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (28676-1)

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