



CVE-2023-42752

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Summary

CVE	CVE-2023-42752
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-10-13 02:15:00 UTC
Updated	2023-11-07 04:21:00 UTC
Description	An integer overflow flaw was found in the Linux kernel. This issue leads to the kernel allocating `skb_shared_info` in the use

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

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

References

Reference	Source
cve-details	MISC
kernel/git/netdev/net.git - Netdev Group's networking tree	MISC
2239828 – (CVE-2023-42752) CVE-2023-42752 kernel: integer overflow in igmpv3_newpack leading to exploitable memory access	MISC
kernel/git/netdev/net.git - Netdev Group's networking tree	MISC
CVE Program record	CVE.O
NVD vulnerability detail	NVD

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)

161334 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2024-12110)

160044 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-13043)

199841 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6444-1)
199842 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6440-1)
199843 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6439-1)
199844 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-1)
199845 Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-6442-1)
199846 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6441-1)
199847 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6443-1)
199848 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6446-1)
199849 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-6440-2)
199854 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-6441-2)
199855 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6439-2)
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)
199864 Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-6440-3)
199868 Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6446-3)
199872 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6441-3)
199874 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6460-1)
199883 Ubuntu Security Notification for Linux kernel (NVIDIA) Vulnerabilities (USN-6466-1)
356371 Amazon Linux Security Advisory for kernel : ALAS2023-2023-356
356919 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-026
356923 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-024
356924 Amazon Linux Security Advisory for kernel-livepatch : ALAS2023LIVEPATCH-2023-025
390294 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2024-0002)
6140348 AWS Bottlerocket Security Update for kernel (GHSA-hjp2-xpq4-6r4r)
907652 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31521-1)

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