



CVE-2022-42720

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

Summary

CVE	CVE-2022-42720
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-10-14 00:15:00 UTC
Updated	2023-11-07 03:53:00 UTC
Description	Various recounting bugs in the multi-BSS handling in the mac80211 stack in the Linux kernel 5.1 through 5.19.x before 5.1

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	Debian	Debian Linux	11.0	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source
[SECURITY] Fedora 36 Update: kernel-5.19.15-201.fc36 - package-announce - Fedora Mailing-Lists	FEDORA
October 2022 Linux Kernel 5.19.15 Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM
oss-security - Re: Various Linux Kernel WLAN security issues (RCE/DOS) found	MISC
[SECURITY] Fedora 35 Update: kernel-5.19.15-101.fc35 - package-announce - Fedora Mailing-Lists	
kernel/git/wireless/wireless.git - kvalo's fork of linux.git	MISC
[SECURITY] Fedora 37 Update: kernel-5.19.15-301.fc37 - package-announce - Fedora Mailing-Lists	FEDORA
[SECURITY] Fedora 37 Update: kernel-5.19.15-301.fc37 - package-announce - Fedora Mailing-Lists	
Debian -- Security Information -- DSA-5257-1 linux	DEBIAN

[SECURITY] [DLA 3173-1] linux-5.10 security update	MLIST
[SECURITY] Fedora 36 Update: kernel-5.19.15-201.fc36 - package-announce - Fedora Mailing-Lists	
Bug 1204059 – VUL-0: CVE-2022-42720: kernel: remote crash/code execution due to recounting bugs in multi-BSS handling	MISC
Kernel Live Patch Security Notice LSN-0090-1 ≈ Packet Storm	MISC
[SECURITY] Fedora 35 Update: kernel-5.19.15-101.fc35 - package-announce - Fedora Mailing-Lists	FEDORA
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160583 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-2458)
160692 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-2951)
181145 Debian Security Update for linux (DSA 5257-1)
181190 Debian Security Update for linux-5.10 (DLA 3173-1)
182416 Debian Security Update for linux (CVE-2022-42720)
198996 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5691-1)
198997 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5692-1)
198999 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5693-1)
199006 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5700-1)
199014 Ubuntu Security Notification for backport-iwlwifi-dkms Vulnerabilities (USN-5708-1)
199053 Ubuntu Security Notification for Linux kernel (Azure CVM) Vulnerabilities (USN-5752-1)
241417 Red Hat Update for kernel security (RHSA-2023:2458)
241468 Red Hat Update for kernel-rt (RHSA-2023:2148)
241504 Red Hat Update for kernel security (RHSA-2023:2951)
241527 Red Hat Update for kernel-rt (RHSA-2023:2736)
243041 Red Hat Update for kernel security (RHSA-2024:1188)
283201 Fedora Security Update for kernel (FEDORA-2022-2cfbe17910)
283209 Fedora Security Update for kernel (FEDORA-2022-b948fc3cfb)
283477 Fedora Security Update for kernel (FEDORA-2022-1a5b125ac6)
377891 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0002)

378468 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-20230042)
378512 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0042)
502548 Alpine Linux Security Update for linux-lts
504122 Alpine Linux Security Update for linux-lts
610462 Google Android Devices January 2023 Security Patch Missing
610467 Google Android February 2023 Security Patch Missing for Samsung
752708 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3704-1)
752724 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3775-1)
752750 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3844-1)
752889 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3897-1)
752911 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3998-1)
753063 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)
753119 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 15 for SLE 15 SP3) (SUSE-SU-2022:3657-1)
753143 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 24 for SLE 15 SP3) (SUSE-SU-2022:3606-1)
753150 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 2 for SLE 15 SP4) (SUSE-SU-2022:3605-1)
753339 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 3 for SLE 15 SP4) (SUSE-SU-2022:3601-1)
753352 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 29 for SLE 15 SP2) (SUSE-SU-2022:3648-1)
753374 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3809-1)
753375 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 1 for SLE 15 SP4) (SUSE-SU-2022:3628-1)
753394 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 30 for SLE 15 SP2) (SUSE-SU-2022:3607-1)
904221 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11122)
904223 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11116)
904387 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11122-1)
904402 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11116-1)
905859 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11122-2)
906382 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11116-2)
941023 AlmaLinux Security Update for kernel (ALSA-2023:2458)
941061 AlmaLinux Security Update for kernel-rt (ALSA-2023:2148)

941096 AlmaLinux Security Update for kernel (ALSA-2023:2951)

941114 AlmaLinux Security Update for kernel-rt (ALSA-2023:2736)

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