



# CVE-2022-42721

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2022-42721
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-10-14 00:15:00 UTC
<b>Updated</b>	2023-11-07 03:53:00 UTC
<b>Description</b>	A list management bug in BSS handling in the mac80211 stack in the Linux kernel 5.1 through 5.19.x before 5.19.16 could

## Risk And Classification

**Problem Types:** CWE-835

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	11.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	35	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	36	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	37	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 36 Update: kernel-5.19.15-201.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedora</a>
October 2022 Linux Kernel 5.19.15 Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="#">security.ne</a>
oss-security - Re: Various Linux Kernel WLAN security issues (RCE/DOS) found	MISC	<a href="#">www.open</a>
[SECURITY] Fedora 35 Update: kernel-5.19.15-101.fc35 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedora</a>
Bug 1204060 – VUL-0: CVE-2022-42721: kernel: remote crash/code execution due list corruption in the wlan stack	MISC	<a href="#">bugzilla.su</a>
[SECURITY] Fedora 37 Update: kernel-5.19.15-301.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedora</a>
kernel/git/wireless/wireless.git - kvalo's fork of linux.git	MISC	<a href="#">git.kernel.o</a>

[SECURITY] Fedora 37 Update: kernel-5.19.15-301.fc37 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedora</a>
Debian -- Security Information -- DSA-5257-1 linux	DEBIAN	<a href="http://www.debian.org">www.debian</a>
[SECURITY] [DLA 3173-1] linux-5.10 security update	MLIST	<a href="https://lists.debian.org">lists.debian</a>
[SECURITY] Fedora 36 Update: kernel-5.19.15-201.fc36 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedora</a>
Kernel Live Patch Security Notice LSN-0090-1 ≈ Packet Storm	MISC	<a href="https://packetstormsecurity.com">packetstorm</a>
[SECURITY] Fedora 35 Update: kernel-5.19.15-101.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedora</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.o</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.go</a>

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)
- [183646](#) Debian Security Update for linux (CVE-2022-42721)
- [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)

<a href="#">377891</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0002)
<a href="#">378468</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-20230042)
<a href="#">378512</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0042)
<a href="#">502548</a> Alpine Linux Security Update for linux-lts
<a href="#">504122</a> Alpine Linux Security Update for linux-lts
<a href="#">610462</a> Google Android Devices January 2023 Security Patch Missing
<a href="#">610467</a> Google Android February 2023 Security Patch Missing for Samsung
<a href="#">752708</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3704-1)
<a href="#">752724</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3775-1)
<a href="#">752750</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3844-1)
<a href="#">752889</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3897-1)
<a href="#">752911</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3998-1)
<a href="#">753063</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)
<a href="#">753119</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 15 for SLE 15 SP3) (SUSE-SU-2022:3657-1)
<a href="#">753143</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 24 for SLE 15 SP3) (SUSE-SU-2022:3606-1)
<a href="#">753150</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 2 for SLE 15 SP4) (SUSE-SU-2022:3605-1)
<a href="#">753339</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 3 for SLE 15 SP4) (SUSE-SU-2022:3601-1)
<a href="#">753352</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 29 for SLE 15 SP2) (SUSE-SU-2022:3648-1)
<a href="#">753374</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3809-1)
<a href="#">753375</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 1 for SLE 15 SP4) (SUSE-SU-2022:3628-1)
<a href="#">753394</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 30 for SLE 15 SP2) (SUSE-SU-2022:3607-1)
<a href="#">904220</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11123)
<a href="#">904224</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11117)
<a href="#">904386</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11123-1)
<a href="#">904415</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11117-1)
<a href="#">905880</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11123-2)
<a href="#">906437</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11117-2)
<a href="#">941023</a> 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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