



# CVE-2022-42722

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

## Summary

<b>CVE</b>	CVE-2022-42722
<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>	In the Linux kernel 5.8 through 5.19.x before 5.19.16, local attackers able to inject WLAN frames into the mac80211 stack c

## Risk And Classification

**Problem Types:** CWE-476

## 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.fedoraproject.or</a>
October 2022 Linux Kernel 5.19.15 Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="#">security.netapp.com</a>
kernel/git/wireless/wireless.git - kvalo's fork of linux.git	MISC	<a href="#">git.kernel.org</a>
oss-security - Re: Various Linux Kernel WLAN security issues (RCE/DOS) found	MISC	<a href="#">www.openwall.com</a>
Bug 1204125 – VUL-0: CVE-2022-42722: kernel: remote denial of service in wlan beacon p2p processing	MISC	<a href="#">bugzilla.suse.com</a>
[SECURITY] Fedora 35 Update: kernel-5.19.15-101.fc35 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.or</a>
[SECURITY] Fedora 37 Update: kernel-5.19.15-301.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedoraproject.or</a>

[SECURITY] Fedora 37 Update: kernel-5.19.15-301.fc37 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.or</a>
Debian -- Security Information -- DSA-5257-1 linux	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>
[SECURITY] [DLA 3173-1] linux-5.10 security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
[SECURITY] Fedora 36 Update: kernel-5.19.15-201.fc36 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.or</a>
Kernel Live Patch Security Notice LSN-0090-1 ≈ Packet Storm	MISC	<a href="https://packetstormsecurity">packetstormsecurity</a>
[SECURITY] Fedora 35 Update: kernel-5.19.15-101.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.or</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</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)
- [182244](#) Debian Security Update for linux (CVE-2022-42722)
- [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)

<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="#">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="#">752850</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 1 for SLE 15 SP4) (SUSE-SU-2022:4035-1)
<a href="#">752852</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 16 for SLE 15 SP3) (SUSE-SU-2022:4100-1)
<a href="#">752858</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 3 for SLE 15 SP4) (SUSE-SU-2022:3976-1)
<a href="#">752875</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 2 for SLE 15 SP4) (SUSE-SU-2022:4039-1)
<a href="#">752889</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3897-1)
<a href="#">752894</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 22 for SLE 15 SP3) (SUSE-SU-2022:4033-1)
<a href="#">752904</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 23 for SLE 15 SP3) (SUSE-SU-2022:4034-1)
<a href="#">752911</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3998-1)
<a href="#">752919</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 24 for SLE 15 SP3) (SUSE-SU-2022:4037-1)
<a href="#">752930</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 0 for SLE 15 SP4) (SUSE-SU-2022:4113-1)
<a href="#">753063</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)
<a href="#">753374</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3809-1)
<a href="#">904222</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11124)
<a href="#">904225</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11118)
<a href="#">904383</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11124-1)
<a href="#">904403</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11118-1)
<a href="#">906101</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11124-2)
<a href="#">906273</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11118-2)
<a href="#">941023</a> AlmaLinux Security Update for kernel (ALSA-2023:2458)
<a href="#">941061</a> AlmaLinux Security Update for kernel-rt (ALSA-2023:2148)
<a href="#">941096</a> AlmaLinux Security Update for kernel (ALSA-2023:2951)
<a href="#">941114</a> AlmaLinux Security Update for kernel-rt (ALSA-2023:2736)

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