



CVE-2022-47520

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

Summary

CVE	CVE-2022-47520
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-12-18 06:15:00 UTC
Updated	2023-11-07 03:56:00 UTC
Description	An issue was discovered in the Linux kernel before 6.0.11. Missing offset validation in drivers/net/wireless/microchip/wilc1000

Risk And Classification

Problem Types: CWE-125

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
Hardware	Netapp	H300s	-	All	All	All
Operating System	Netapp	H300s Firmware	-	All	All	All
Hardware	Netapp	H410c	-	All	All	All
Operating System	Netapp	H410c Firmware	-	All	All	All
Hardware	Netapp	H410s	-	All	All	All
Operating System	Netapp	H410s Firmware	-	All	All	All
Hardware	Netapp	H500s	-	All	All	All
Operating System	Netapp	H500s Firmware	-	All	All	All
Hardware	Netapp	H700s	-	All	All	All
Operating System	Netapp	H700s Firmware	-	All	All	All

References

Reference	Source	Link	Tags
[PATCH 1/4] wifi: wilc1000: validate pairwise and authentication suite offsets - Phil Turnbull	MISC	lore.kernel.org	
[PATCH 1/4] wifi: wilc1000: validate pairwise and authentication suite offsets - Phil Turnbull		lore.kernel.org	

December 2022 Linux Kernel 6.0.11 Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
wifi: wilc1000: validate pairwise and authentication suite offsets · torvalds/linux@cd21d99 · GitHub	MISC	github.com	
[SECURITY] [DLA 3244-1] linux-5.10 security update	MLIST	lists.debian.org	
CVE Program record	CVE.ORG	www.cve.org	cano
NVD vulnerability detail	NVD	nvd.nist.gov	cano

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

181432 Debian Security Update for linux (CVE-2022-47520)
181440 Debian Security Update for linux-5.10 (DLA 3244-1)
199207 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5914-1)
199209 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5912-1)
199210 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5913-1)
199211 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5911-1)
199212 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5917-1)
199220 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5929-1)
199223 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5935-1)
199224 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5934-1)
199226 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5939-1)
199227 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5938-1)
199229 Ubuntu Security Notification for Linux kernel (KVM) Vulnerabilities (USN-5941-1)
199230 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5940-1)
199238 Ubuntu Security Notification for Linux kernel (KVM) Vulnerabilities (USN-5950-1)
199239 Ubuntu Security Notification for Linux kernel (IBM) Vulnerabilities (USN-5951-1)
199243 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5962-1)
199276 Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-6000-1)
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)
753564 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0147-1)

753565 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0146-1)
753583 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0152-1)
753584 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0149-1)
753688 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0406-1)
904731 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11868)
904734 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11858)
905182 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11868-1)
905871 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11868-2)
906287 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11858-2)

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