



CVE-2022-32296

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

Summary

CVE	CVE-2022-32296
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-06-05 22:15:00 UTC
Updated	2023-08-08 14:22:00 UTC
Description	The Linux kernel before 5.17.9 allows TCP servers to identify clients by observing what source ports are used. This occurs

Risk And Classification

Problem Types: CWE-330

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

- [kernel/git/torvalds/linux.git - Linux kernel source tree](#)
- [\[2209.12993\] Device Tracking via Linux's New TCP Source Port Selection Algorithm \(Extended Version\)](#)
- [Debian -- Security Information -- DSA-5173-1 linux](#)
- [GitHub - 0xkol/rfc6056-device-tracker: An implementation of a device tracking technique based on Algorithm 4 \(Double-Hash Port Selection\) o](#)
- [cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.17.9](#)
- [\[SECURITY\] \[DLA 3065-1\] linux security update](#)
- [CVE Program record](#)
- [NVD vulnerability detail](#)

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[180282](#) Debian Security Update for linux (DLA 3065-1)

180605 Debian Security Update for linux (DSA 5173-1)
180850 Debian Security Update for linux (CVE-2022-32296)
198942 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5616-1)
198949 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5622-1)
198950 Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-5623-1)
198954 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5630-1)
198962 Ubuntu Security Notification for Linux kernel (Azure CVM) Vulnerabilities (USN-5639-1)
198966 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5647-1)
198970 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5654-1)
198974 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5660-1)
198978 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5669-1)
198985 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5678-1)
198994 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5687-1)
353976 Amazon Linux Security Advisory for kernel : ALAS-2022-1604
353985 Amazon Linux Security Advisory for kernel : ALAS2-2022-1813
353993 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-016
353994 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-028
354007 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-015
354008 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-030
354017 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-032
354023 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-017
377117 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2022:0158)
378043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0011)
6140198 AWS Bottlerocket Security Update for kernel (GHSA-cghh-fpjf-mmww)
672045 EulerOS Security Update for kernel (EulerOS-SA-2022-2225)
672086 EulerOS Security Update for kernel (EulerOS-SA-2022-2321)
672114 EulerOS Security Update for kernel (EulerOS-SA-2022-2292)
672139 EulerOS Security Update for kernel (EulerOS-SA-2022-2428)

672141 EulerOS Security Update for kernel (EulerOS-SA-2022-2441)
672158 EulerOS Security Update for kernel (EulerOS-SA-2022-2415)
752702 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3693-1)
752708 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3704-1)
752750 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3844-1)
753063 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)
753374 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3809-1)
902171 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9896)
902175 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9910)
902391 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9910-1)
902704 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9896-1)
905865 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9896-2)
906372 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9910-2)

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