



CVE-2022-3566

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Summary

CVE	CVE-2022-3566
State	PUBLIC
Assigner	cna@vuldb.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-10-17 19:15:00 UTC
Updated	2022-10-20 12:50:00 UTC
Description	A vulnerability, which was classified as problematic, was found in Linux Kernel. This affects the function tcp_getsockopt/tcp_

Risk And Classification

Problem Types: CWE-362

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	-	All	All	All

References

Reference	Source	Link	Tags
kernel/git/stable/linux.git - Linux kernel stable tree	MISC	git.kernel.org	
CVE-2022-3566 Linux Kernel TCP tcp_setsockopt race condition	MISC	vuldb.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

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)
- [184969](#) Debian Security Update for linux (CVE-2022-3566)
- [199055](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5754-1)

199056 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5757-1)
199057 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5755-1)
199059 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5756-1)
199060 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5756-2)
199061 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5755-2)
199070 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5756-3)
199071 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5754-2)
199072 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5774-1)
199073 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5773-1)
199078 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-5779-1)
199084 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5789-1)
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)
242890 Red Hat Update for kernel (RHSA-2024:0724)
355199 Amazon Linux Security Advisory for kernel : ALAS2023-2023-070
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)
378473 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0021)
378512 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0042)
672495 EulerOS Security Update for kernel (EulerOS-SA-2023-1012)
672516 EulerOS Security Update for kernel (EulerOS-SA-2023-1037)
672532 EulerOS Security Update for kernel (EulerOS-SA-2023-1126)
672564 EulerOS Security Update for kernel (EulerOS-SA-2023-1102)
672582 EulerOS Security Update for kernel (EulerOS-SA-2023-1345)
672653 EulerOS Security Update for kernel (EulerOS-SA-2023-1388)
672668 EulerOS Security Update for kernel (EulerOS-SA-2023-1360)
672711 EulerOS Security Update for kernel (EulerOS-SA-2023-1507)

753020 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4585-1)
753034 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4504-1)
753063 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)
753703 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
753707 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
753727 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
754097 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2507-1)
754105 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2537-1)
754106 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2534-1)
754110 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2538-1)
754120 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2611-1)
754145 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2651-1)
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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