



CVE-2023-0179

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Summary

CVE	CVE-2023-0179
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-03-27 22:15:00 UTC
Updated	2023-08-11 19:12:00 UTC
Description	A buffer overflow vulnerability was found in the Netfilter subsystem in the Linux Kernel. This issue could allow the leakage c

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update
Operating System	Canonical	Ubuntu Linux	16.04	All
Operating System	Canonical	Ubuntu Linux	18.04	All
Operating System	Canonical	Ubuntu Linux	20.04	All
Operating System	Canonical	Ubuntu Linux	22.04	All
Operating System	Fedoraproject	Fedora	36	All
Operating System	Fedoraproject	Fedora	37	All
Operating System	Linux	Linux Kernel	All	All
Operating System	Linux	Linux Kernel	6.3	rc1
Operating System	Linux	Linux Kernel	6.3	rc2
Operating System	Linux	Linux Kernel	6.3	rc3
Operating System	Linux	Linux Kernel	6.3	rc4
Application	Redhat	Codeready Linux Builder	-	All
Operating System	Redhat	Enterprise Linux	9.0	All
Operating System	Redhat	Enterprise Linux	9.0	All
Operating System	Redhat	Enterprise Linux Eus	9.0	All
Operating System	Redhat	Enterprise Linux Eus	9.0	All
Operating System	Redhat	Enterprise Linux For Ibmz Systems	9.0	All

Operating System	Redhat	Enterprise Linux For Ibmz Systems	9.0	All
Operating System	Redhat	Enterprise Linux For Ibmz Systems Eus	9.0	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems	9.0	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems	9.0	All
Operating System	Redhat	Enterprise Linux For Ibm Z Systems Eus	9.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	9.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian	9.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian Eus	9.0	All
Operating System	Redhat	Enterprise Linux For Power Little Endian Eus	9.0	All
Operating System	Redhat	Enterprise Linux For Real Time	9.0	All
Operating System	Redhat	Enterprise Linux For Real Time For Nfv	9.0	All
Operating System	Redhat	Enterprise Linux Server	9.0	All
Operating System	Redhat	Enterprise Linux Server	9.0	All
Operating System	Redhat	Enterprise Linux Server For Power Little Endian Update Services For Sap Solutions	9.0	All

References

Reference	Source	Link
CVE-2023-0179 Linux Kernel Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.n
Kernel Live Patch Security Notice LNS-0093-1 ≈ Packet Storm	MISC	packetsto
2161713 – (CVE-2023-0179) CVE-2023-0179 kernel: Netfilter integer overflow vulnerability in nft_payload_copy_vlan	MISC	bugzilla.r
oss-sec: CVE-2023-0179: Linux kernel stack buffer overflow in nftables: PoC and writeup	MISC	seclists.c
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160459 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12116)
160460 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2023-12120)
160490 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-0951)
181491 Debian Security Update for linux (DSA 5324-1)
181618 Debian Security Update for linux-5.10 (DLA 3349-1)
184273 Debian Security Update for linux (CVE-2023-0179)

199154 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5858-1)
199156 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5859-1)
199158 Ubuntu Security Notification for Linux kernel (OEM) Vulnerability (USN-5857-1)
199161 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5856-1)
199208 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5915-1)
199209 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5912-1)
199211 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5911-1)
199220 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5929-1)
199223 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5935-1)
199227 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5938-1)
199229 Ubuntu Security Notification for Linux kernel (KVM) Vulnerabilities (USN-5941-1)
199238 Ubuntu Security Notification for Linux kernel (KVM) Vulnerabilities (USN-5950-1)
199243 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5962-1)
241215 Red Hat Update for kernel-rt (RHSA-2023:0979)
241218 Red Hat Update for kernel (RHSA-2023:0951)
241229 Red Hat Update for kpatch-patch (RHSA-2023:1008)
241258 Red Hat Update for kernel security (RHSA-2023:1202)
241260 Red Hat Update for kernel-rt (RHSA-2023:1203)
241290 Red Hat Update for kpatch-patch (RHSA-2023:1435)
283630 Fedora Security Update for kernel (FEDORA-2023-58eac2b872)
283631 Fedora Security Update for kernel (FEDORA-2023-0597579983)
354739 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-013
354741 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2023-026
354813 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-108
354814 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-110
354815 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-109
355199 Amazon Linux Security Advisory for kernel : ALAS2023-2023-070
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)

6140362 AWS Bottlerocket Security Update for kernel (GHSA-37qj-3fc9-cwcc)
672914 EulerOS Security Update for kernel (EulerOS-SA-2023-1781)
672951 EulerOS Security Update for kernel (EulerOS-SA-2023-1759)
753684 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0394-1)
753690 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0409-1)
753709 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0433-1)
755851 SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)
755900 SUSE Enterprise Linux Security Update for the Linux-RT Kernel (SUSE-SU-2023:0488-1)
906821 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (25914-1)
906850 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (25932-1)
940942 AlmaLinux Security Update for kernel (ALSA-2023:0951)
940952 AlmaLinux Security Update for kernel-rt (ALSA-2023:0979)
960667 Rocky Linux Security Update for kernel-rt (RLSA-2023:0979)

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