



CVE-2023-42753

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

Summary

CVE	CVE-2023-42753
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-09-25 21:15:00 UTC
Updated	2024-01-30 16:15:00 UTC
Description	An array indexing vulnerability was found in the netfilter subsystem of the Linux kernel. A missing macro could lead to a mis

Risk And Classification

Problem Types: CWE-787

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
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

References

Reference	Source	L
Red Hat		a
oss-sec: [CVE-2023-42753] Array Indexing error in Linux kernel	MISC	s
Red Hat		a
Red Hat		a
[SECURITY] [DLA 3623-1] linux-5.10 security update	MISC	li
Red Hat		a
Red Hat		a
Red Hat		a

oss-security - [CVE-2023-42753] Array Indexing error in Linux kernel	MISC	v
Red Hat		a
Red Hat		a
Red Hat		a
Kernel Live Patch Security Notice LSN-0099-1 ≈ Packet Storm		p
Red Hat		a
Red Hat		a
lists.debian.org/debian-lts-announce/2024/01/msg00004.html		li
Red Hat		a
Red Hat		a
Red Hat		a
Red Hat		a
cve-details	MISC	a
Red Hat		a
Red Hat		a
Red Hat		a
Red Hat		a
Red Hat		a
Red Hat		a
Red Hat		a
Red Hat		a
Red Hat		a
Red Hat		a
Red Hat		a
2239843 – (CVE-2023-42753) CVE-2023-42753 kernel: netfilter: potential slab-out-of-bound access due to integer underflow	MISC	b
CVE Program record	CVE.ORG	v
NVD vulnerability detail	NVD	n

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160938](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12824)

[160939](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12826)

[160942](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12825)

[160963](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12858)

[160977](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12875)

160978 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12874)
160982 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2023-12911)
160985 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2023-12910)
160989 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2023-12915)
160991 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2023-12914)
161277 Oracle Enterprise Linux Security Update for kernel (ELSA-2024-12069)
161318 Oracle Enterprise Linux Security Update for kernel (ELSA-2024-12094)
161377 Oracle Enterprise Linux Security Update for kernel (ELSA-2024-0346)
161404 Oracle Enterprise Linux Security Update for kernel (ELSA-2024-0461)
199803 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6415-1)
199841 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6444-1)
199842 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6440-1)
199843 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6439-1)
199844 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-1)
199845 Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-6442-1)
199846 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6441-1)
199848 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6446-1)
199849 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-6440-2)
199854 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-6441-2)
199855 Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6439-2)
199858 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-2)
199859 Ubuntu Security Notification for Linux kernel (StarFive) Vulnerabilities (USN-6444-2)
199861 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6446-2)
199864 Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-6440-3)
199868 Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6446-3)
199872 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6441-3)
199883 Ubuntu Security Notification for Linux kernel (NVIDIA) Vulnerabilities (USN-6466-1)
242481 Red Hat Update for kernel (RHSA-2023:7382)
242482 Red Hat Update for kernel-rt (RHSA-2023:7379)

242483 Red Hat Update for kernel-rt (RHSA-2023:7389)
242489 Red Hat Update for kpatch-patch (RHSA-2023:7411)
242497 Red Hat Update for kpatch-patch (RHSA-2023:7418)
242518 Red Hat Update for kpatch-patch (RHSA-2023:7558)
242521 Red Hat Update for kernel security (RHSA-2023:7539)
242612 Red Hat Update for kernel security (RHSA-2023:7370)
242727 Red Hat Update for kpatch-patch (RHSA-2024:0340)
242728 Red Hat Update for kpatch-patch (RHSA-2024:0378)
242729 Red Hat Update for kernel (RHSA-2024:0346)
242731 Red Hat Update for kpatch-patch (RHSA-2024:0376)
242733 Red Hat Update for kpatch-patch (RHSA-2024:0371)
242762 Red Hat Update for kernel (RHSA-2024:0403)
242785 Red Hat Update for kpatch-patch (RHSA-2024:0593)
242830 Red Hat Update for kernel-rt (RHSA-2024:0563)
242831 Red Hat Update for kernel (RHSA-2024:0562)
242839 Red Hat Update for kernel (RHSA-2024:0461)
242855 Red Hat Update for kernel (RHSA-2024:0412)
242862 Red Hat Update for kernel-rt (RHSA-2024:0402)
242864 Red Hat Update for kernel-rt (RHSA-2024:0347)
257299 CentOS Security Update for kernel (CESA-2024:0346)
356357 Amazon Linux Security Advisory for kernel : ALAS-2023-1838
356572 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2023-040
356606 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-053
379043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)
6000265 Debian Security Update for linux-5.10 (DLA 3623-1)
6000429 Debian Security Update for linux (DLA 3710-1)
6140024 AWS Bottlerocket Security Update for kernel (GHSA-f72p-76xv-4992)
6140102 AWS Bottlerocket Security Update for kernel (GHSA-f72p-76xv-4992)

673406 EulerOS Security Update for kernel (EulerOS-SA-2023-3182)
673595 EulerOS Security Update for kernel (EulerOS-SA-2023-3247)
673644 EulerOS Security Update for kernel (EulerOS-SA-2023-3336)
673692 EulerOS Security Update for kernel (EulerOS-SA-2023-3275)
673848 EulerOS Security Update for kernel (EulerOS-SA-2023-3217)
673995 EulerOS Security Update for kernel (EulerOS-SA-2024-1275)
674042 EulerOS Security Update for kernel (EulerOS-SA-2023-3304)
755059 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4035-1)
755061 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4030-1)
755082 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4058-1)
755083 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4057-1)
755085 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4072-1)
755086 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4071-1)
755096 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4093-1)
755107 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4095-1)
755229 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4072-2)
756098 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 1 for SLE 15 SP5) (SUSE-SU-2024:1181-1)
756100 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 5 for SLE 15 SP5) (SUSE-SU-2024:1183-1)
756111 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 3 for SLE 15 SP5) (SUSE-SU-2024:1236-1)
756113 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 36 for SLE 15 SP3) (SUSE-SU-2024:1246-1)
756115 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 5 for SLE 15 SP5) (SUSE-SU-2024:1251-1)
756116 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 35 for SLE 15 SP3) (SUSE-SU-2024:1249-1)
756118 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 1 for SLE 15 SP5) (SUSE-SU-2024:1252-1)
756122 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 40 for SLE 15 SP2) (SUSE-SU-2024:1257-1)
907392 Common Base Linux Mariner (CBL-Mariner) Security Update for hyperv-daemons (30054-1)
907427 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (30050)
907590 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (30050-1)
941540 AlmaLinux Security Update for kernel (ALSA-2024:0113)

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