CVE-2023-1829

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Summary

CVE	CVE-2023-1829
State	PUBLIC
Assigner	security@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-04-12 12:15:00 UTC
Updated	2023-10-05 14:52:00 UTC
Description	A use-after-free vulnerability in the Linux Kernel traffic control index filter (tcindex) can be exploited to achieve local privilege

Risk And Classification

Problem Types: CWE-416

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	Source	Link	Tags
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	Mailing List, P
[SECURITY] [DLA 3403-1] linux security update	MISC	lists.debian.org	
[SECURITY] [DLA 3404-1] linux-5.10 security update	MISC	lists.debian.org	
CVE-2023-1829 Linux Kernel Vulnerability in NetApp Products | NetApp Product Security	MISC	security.netapp.com	
????????	MISC	kernel.dance	Patch
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ana

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160859 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-4517)

181765 Debian Security Update for linux-5.10 (DLA 3404-1)

181768 Debian Security Update for linux (DLA 3403-1)

182906 Debian Security Update for linux (CVE-2023-1829)

199298 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6033-1)

199306 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6043-1)

199307 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6044-1)

199309 Ubuntu Security Notification for Linux kernel Vulnerability (USN-6047-1)

199316 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6051-1)

199329 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6070-1)

199330 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6072-1)

199331 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerability (USN-6069-1)

199334 Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6071-1)

199356 Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-6093-1)

199385 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6134-1)

199389 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6133-1)

199465 Ubuntu Security Notification for Linux kernel (Xilinx ZynqMP) Vulnerabilities (USN-6222-1)

199507 Ubuntu Security Notification for Linux kernel Vulnerability (USN-6058-1)

199562 Ubuntu Security Notification for Linux kernel Vulnerability (USN-6052-1)

199572 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6045-1)

199614 Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6256-1)

241926 Red Hat Update for kernel (RHSA-2023:4515)

241927 Red Hat Update for kernel-rt (RHSA-2023:4541)

241929 Red Hat Update for kpatch-patch (RHSA-2023:4516)

241934 Red Hat Update for kpatch-patch (RHSA-2023:4531)

241936 Red Hat Update for kernel (RHSA-2023:4517)

242496 Red Hat Update for kpatch-patch (RHSA-2023:7417)

242500 Red Hat Update for kernel-rt (RHSA-2023:7431)

242504 Red Hat Update for kernel (RHSA-2023:7434)

355138 Amazon Linux Security Advisory for kernel : ALAS-2023-138

355288 Amazon Linux Security Advisory for kernel : ALAS-2023-138

355291 Amazon Linux Security Advisory for kernel : ALAS-2023-138

355297 Amazon Linux Security Advisory for kernel : ALAS-2023-138

355301 Amazon Linux Security Advisory for kernel : ALAS-2023-138

355305 Amazon Linux Security Advisory for kernel : ALAS-2023-138

355307 Amazon Linux Security Advisory for kernel : ALAS-2023-138

355314 Amazon Linux Security Advisory for kernel : ALAS2023-2023-138

378701 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0030)

378710 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0079)

379043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)

673321 EulerOS Security Update for kernel (EulerOS-SA-2024-1337)

673547 EulerOS Security Update for kernel (EulerOS-SA-2024-1315)

673657 EulerOS Security Update for kernel (EulerOS-SA-2024-1122)

673714 EulerOS Security Update for kernel (EulerOS-SA-2024-1196)

673902 EulerOS Security Update for kernel (EulerOS-SA-2024-1176)

673995 EulerOS Security Update for kernel (EulerOS-SA-2024-1275)

674024 EulerOS Security Update for kernel (EulerOS-SA-2024-1107)

754920 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 0 for SLE 15 SP5) (SUSE-SU-2023:3772-1)

754921 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 39 for SLE 15 SP1) (SUSE-SU-2023:3768-1)

754922 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 1 for SLE 15 SP5) (SUSE-SU-2023:3784-1)

754923 SUSE Enterprise Linux Security Update for the Linux Kernel RT (Live Patch 6 for SLE 15 SP4) (SUSE-SU-2023:3783-1)

754924 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 37 for SLE 15 SP1) (SUSE-SU-2023:3786-1)

754927 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 31 for SLE 15 SP2) (SUSE-SU-2023:3788-1)

754939 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 30 for SLE 15 SP2) (SUSE-SU-2023:3812-1)

754940 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 43 for SLE 15 SP1) (SUSE-SU-2023:3811-1)

754941 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 42 for SLE 15 SP1) (SUSE-SU-2023:3809-1)

754947 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 33 for SLE 15 SP2) (SUSE-SU-2023:3844-1)

754948 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 40 for SLE 15 SP1) (SUSE-SU-2023:3838-1)

754976 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 36 for SLE 15 SP2) (SUSE-SU-2023:3846-1)

754976 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 36 for SLE 15 SP2) (SUSE-SU-2023:3846-1)

754990 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 23 for SLE 15 SP3) (SUSE-SU-2023:3892-1)

754991 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 39 for SLE 15 SP2) (SUSE-SU-2023:3891-1)

754992 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 38 for SLE 15 SP2) (SUSE-SU-2023:3889-1)

754993 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 32 for SLE 15 SP2) (SUSE-SU-2023:3893-1)

755004 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 13 for SLE 15 SP4) (SUSE-SU-2023:3922-1)

755005 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 35 for SLE 15 SP3) (SUSE-SU-2023:3912-1)

755006 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 26 for SLE 15 SP3) (SUSE-SU-2023:3928-1)

755105 SUSE Enterprise Linux Security Update for suse-module-tools (SUSE-SU-2023:4097-1)

755123 SUSE Enterprise Linux Security Update for suse-module-tools (SUSE-SU-2023:4136-1)

755124 SUSE Enterprise Linux Security Update for suse-module-tools (SUSE-SU-2023:4135-1)

755128 SUSE Enterprise Linux Security Update for suse-module-tools (SUSE-SU-2023:4160-1)

755129 SUSE Enterprise Linux Security Update for suse-module-tools (SUSE-SU-2023:4159-1)

755130 SUSE Enterprise Linux Security Update for suse-module-tools (SUSE-SU-2023:4158-1)

755178 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 36 for SLE 15 SP3) (SUSE-SU-2023:4261-1)

755182 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 40 for SLE 15 SP2) (SUSE-SU-2023:4243-1)

755183 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 41 for SLE 15 SP2) (SUSE-SU-2023:4264-1)

755193 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 44 for SLE 15 SP1) (SUSE-SU-2023:4280-1)

755400 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 45 for SLE 15 SP1) (SUSE-SU-2023:4774-1)

755411 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 42 for SLE 15 SP2) (SUSE-SU-2023:4804-1)

755421 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 38 for SLE 15 SP3) (SUSE-SU-2023:4845-1)

755716 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 47 for SLE 15 SP1) (SUSE-SU-2024:0377-1)

755717 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 43 for SLE 15 SP2) (SUSE-SU-2024:0376-1)

755719 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 40 for SLE 15 SP3) (SUSE-SU-2024:0394-1)

755720 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 39 for SLE 15 SP3) (SUSE-SU-2024:0393-1)

755723 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 44 for SLE 15 SP2) (SUSE-SU-2024:0410-1)

755867 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 41 for SLE 15 SP3) (SUSE-SU-2024:0695-1)

756135 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 42 for SLE 15 SP3) (SUSE-SU-2024:1276-1)

906833 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (26171-1)

906871 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (26169-1)

941227 AlmaLinux Security Update for kernel (ALSA-2023:4517)

941228 AlmaLinux Security Update for kernel-rt (ALSA-2023:4541)

961032 Rocky Linux Security Update for kernel (RLSA-2023:4517)

961046 Rocky Linux Security Update for kernel-rt (RLSA-2023:4541)