CVE-2023-4206

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Summary

CVE	CVE-2023-4206
State	PUBLIC
Assigner	security@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-09-06 14:15:00 UTC
Updated	2023-09-11 17:57:00 UTC
Description	A use-after-free vulnerability in the Linux kernel's net/sched: cls_route component can be exploited to achieve local privileg

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	12.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	Tags
kernel.dance/b80b829e9e2c1b3f7aae34855e04d8f6ecaf13c8	MISC	kernel.dance	
Debian -- Security Information -- DSA-5492-1 linux	MISC	www.debian.org	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
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

160949 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12842)

161066 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-6583)

161147 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)

161194 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7423)

242399 Red Hat Update for kernel security (RHSA-2023:6583)

242434 Red Hat Update for kernel-rt security (RHSA-2023:6901)

242451 Red Hat Update for kernel security (RHSA-2023:7077)

242482 Red Hat Update for kernel-rt (RHSA-2023:7379)

242497 Red Hat Update for kpatch-patch (RHSA-2023:7418)

242498 Red Hat Update for kernel-rt (RHSA-2023:7424)

242501 Red Hat Update for kernel (RHSA-2023:7423)

242502 Red Hat Update for kpatch-patch (RHSA-2023:7419)

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)

257270 Centos Security Update for kernel

257295 CentOS Security Update for kernel (CESA-2023:7423)

356403 Amazon Linux Security Advisory for kernel : ALAS2-2023-2268

356571 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-155

356578 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-054

356588 Amazon Linux Security Advisory for kernel-livepatch : ALAS2LIVEPATCH-2023-154

390290 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0023)

6000220 Debian Security Update for linux (DSA 5492-1)

6000429 Debian Security Update for linux (DLA 3710-1)

673406 EulerOS Security Update for kernel (EulerOS-SA-2023-3182)

673563 EulerOS Security Update for kernel (EulerOS-SA-2024-1144)

673848 EulerOS Security Update for kernel (EulerOS-SA-2023-3217)

907273 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (28674-1)

941453 AlmaLinux Security Update for kernel (ALSA-2023:7077)

CVE.report and Source URL Uptime Status status.cve.report