



CVE-2023-3611

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Summary

CVE	CVE-2023-3611
State	PUBLIC
Assigner	security@google.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-07-21 21:15:00 UTC
Updated	2023-10-26 20:28:00 UTC
Description	An out-of-bounds write vulnerability in the Linux kernel's net/sched: sch_qfq component can be exploited to achieve local pr

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	Debian	Debian Linux	11.0	All	All	All
Operating System	Debian	Debian Linux	12.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.5	rc1	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 3623-1] linux-5.10 security update	MISC	lists.debian.org	
Debian -- Security Information -- DSA-5480-1 linux	MISC	www.debian.org	
Debian -- Security Information -- DSA-5492-1 linux	MISC	www.debian.org	
CVE-2023-3611 Linux Kernel Vulnerability in NetApp Products NetApp Product Security	MISC	security.netapp.com	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	
kernel.dance/3e337087c3b5805fe0b8a46ba622a962880b5d64	MISC	kernel.dance	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, and

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)

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

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

[199651](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6285-1)

[199764](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6385-1)

[199775](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6341-1)

[199784](#) Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-6397-1)

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

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

[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)

[242728](#) Red Hat Update for kpatch-patch (RHSA-2024:0378)

[242769](#) Red Hat Update for kpatch-patch (RHSA-2024:0554)

[242789](#) Red Hat Update for kernel (RHSA-2024:0575)

[242855](#) Red Hat Update for kernel (RHSA-2024:0412)

[243055](#) Red Hat Update for kernel (RHSA-2024:1268)

[243057](#) Red Hat Update for kpatch-patch (RHSA-2024:1278)

[243058](#) Red Hat Update for kernel-rt (RHSA-2024:1269)

[243076](#) Red Hat Update for kernel (RHSA-2024:1367)

[243085](#) Red Hat Update for kpatch-patch (RHSA-2024:1377)

[243096](#) Red Hat Update for kernel-rt (RHSA-2024:1382)

[257270](#) Centos Security Update for kernel

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

[355761](#) Amazon Linux Security Advisory for kernel : ALAS-2023-1792

[355771](#) Amazon Linux Security Advisory for kernel : ALAS2-2023-2179

355795 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2023-038
355796 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-025
355798 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-050
355815 Amazon Linux Security Advisory for kernel : ALAS2023-2023-285
378889 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0036)
378892 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0114)
379043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)
390290 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0023)
6000212 Debian Security Update for linux (DSA 5480-1)
6000220 Debian Security Update for linux (DSA 5492-1)
6000265 Debian Security Update for linux-5.10 (DLA 3623-1)
6000429 Debian Security Update for linux (DLA 3710-1)
6140148 AWS Bottlerocket Security Update for kernel (GHSA-g6v3-rqj6-5h8m)
673354 EulerOS Security Update for kernel (EulerOS-SA-2023-2843)
673372 EulerOS Security Update for kernel (EulerOS-SA-2023-2787)
673449 EulerOS Security Update for kernel (EulerOS-SA-2023-2898)
673496 EulerOS Security Update for kernel (EulerOS-SA-2023-2860)
673498 EulerOS Security Update for kernel (EulerOS-SA-2023-3132)
673604 EulerOS Security Update for kernel (EulerOS-SA-2023-2811)
673970 EulerOS Security Update for kernel (EulerOS-SA-2023-2879)
754275 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3309-1)
754281 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3349-1)
907117 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (27723-1)
907213 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (27675-1)
941453 AlmaLinux Security Update for kernel (ALSA-2023:7077)

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