



CVE-2023-4132

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Summary

CVE	CVE-2023-4132
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-08-03 15:15:00 UTC
Updated	2024-01-30 17:15:00 UTC
Description	A use-after-free vulnerability was found in the siano smsusb module in the Linux kernel. The bug occurs during device initia

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	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	Fedoraproject	Fedora	-	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time	8.0	All	All	All
Operating System	Redhat	Enterprise Linux For Real Time For Nfv	8.0	All	All	All

References

Reference	Source	Link
[SECURITY] [DLA 3623-1] linux-5.10 security update	MISC	lists.debian.org
Debian -- Security Information -- DSA-5480-1 linux	MISC	www.debian.org
2221707 – (CVE-2023-4132) CVE-2023-4132 kernel: smsusb: use-after-free caused by do_submit_urb()	MISC	bugzilla.redhat.com
Red Hat		access.redhat.com
Debian -- Security Information -- DSA-5492-1 linux	MISC	www.debian.org
CVE-2023-4132 Linux Kernel Vulnerability in NetApp Products NetApp Product Security	MISC	security.netapp.com

cve-details	MISC	access.redhat.com
Red Hat		access.redhat.com
Red Hat		access.redhat.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

161147 Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)
199809 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6416-1)
199814 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6416-2)
199840 Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-6416-3)
199844 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-1)
199858 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-2)
199879 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6464-1)
199882 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6462-1)
199883 Ubuntu Security Notification for Linux kernel (NVIDIA) Vulnerabilities (USN-6466-1)
199919 Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6462-2)
199957 Ubuntu Security Notification for Linux kernel (StarFive) Vulnerabilities (USN-6520-1)
200202 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6701-1)
200209 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-6701-2)
200222 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6701-3)
200244 Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-6701-4)
242434 Red Hat Update for kernel-rt security (RHSA-2023:6901)
242451 Red Hat Update for kernel security (RHSA-2023:7077)
242789 Red Hat Update for kernel (RHSA-2024:0575)
242890 Red Hat Update for kernel (RHSA-2024:0724)
379043 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)
379435 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2024:0012)

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)
673449 EulerOS Security Update for kernel (EulerOS-SA-2023-2898)
673484 EulerOS Security Update for kernel (EulerOS-SA-2023-3033)
673732 EulerOS Security Update for kernel (EulerOS-SA-2023-3010)
673848 EulerOS Security Update for kernel (EulerOS-SA-2023-3217)
673970 EulerOS Security Update for kernel (EulerOS-SA-2023-2879)
754863 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3680-1)
754866 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3684-1)
754869 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3681-1)
754876 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3687-1)
754883 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:3705-1)
941453 AlmaLinux Security Update for kernel (ALSA-2023:7077)

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