CVE-2023-39194

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Summary

CVE	CVE-2023-39194
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-10-09 18:15:00 UTC
Updated	2023-11-07 04:17:00 UTC
Description	A flaw was found in the XFRM subsystem in the Linux kernel. The specific flaw exists within the processing of state filters, v

Risk And Classification

Problem Types: CWE-125

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	38	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.5	rc1	All	All
Operating System	Linux	Linux Kernel	6.5	rc2	All	All
Operating System	Linux	Linux Kernel	6.5	rc3	All	All
Operating System	Linux	Linux Kernel	6.5	rc4	All	All
Operating System	Linux	Linux Kernel	6.5	rc5	All	All
Operating System	Linux	Linux Kernel	6.5	rc6	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
2226788 – (CVE-2023-39194, ZDI-CAN-18111) CVE-2023-39194 kernel: xfrm: out-of-bounds read in __xfrm_state_filter_match()	MISC
ZDI-23-1492 | Zero Day Initiative	MISC
cve-details	MISC
CVE Program record	CVE.ORG

NVD vulnerability detail NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

161455 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2024-12258)

199936 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6494-1)

199970 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6494-2)

199976 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-1)

199979 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6532-1)

199996 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6549-1)

199997 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6548-1)

199999 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6548-2)

200002 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-2)

200003 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-6549-2)

200006 Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6548-3)

200007 Ubuntu Security Notification for Linux kernel (Low Latency) Vulnerabilities (USN-6549-3)

200010 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-3)

200024 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6549-4)

200035 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6549-5)

200037 Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6548-5)

356357 Amazon Linux Security Advisory for kernel : ALAS-2023-1838

356409 Amazon Linux Security Advisory for kernel : ALAS2-2023-2264

356606 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-053

390296 Oracle VM Server for x86 Security Update for kernel (OVMSA-2024-0004)

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

673534 EulerOS Security Update for kernel (EulerOS-SA-2024-1086)

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)

673923 EulerOS Security Update for kernel (EulerOS-SA-2024-1062)

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)

755060 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4031-1)

755063 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4032-1)

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)

755229 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4072-2)

755235 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4377-1)

755564 SUSE Security Update for the linux kernel (SUSE-SU-2023:4348-1)

755565 SUSE Security Update for the linux kernel (SUSE-SU-2023:4347-1)

907460 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31268)

907579 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31268-1)