



# CVE-2023-39189

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## Summary

<b>CVE</b>	CVE-2023-39189
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-10-09 18:15:00 UTC
<b>Updated</b>	2023-11-07 04:17:00 UTC
<b>Description</b>	A flaw was found in the Netfilter subsystem in the Linux kernel. The nfnl_osf_add_callback function did not validate the user

## Risk And Classification

**Problem Types:** CWE-125

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	38	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	8.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	9.0	All	All	All

## References

Reference	Source
cve-details	MISC
2226777 – (CVE-2023-39189, ZDI-CAN-18745) CVE-2023-39189 kernel: netfilter: nftables out-of-bounds read in nf_osf_match_one()	MISC
CVE Program record	CVE
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[199881](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6461-1)

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

<a href="#">199970</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6494-2)
<a href="#">199976</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-1)
<a href="#">199979</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6532-1)
<a href="#">199980</a> Ubuntu Security Notification for Linux kernel Vulnerability (USN-6536-1)
<a href="#">199982</a> Ubuntu Security Notification for Linux kernel (GCP) Vulnerability (USN-6537-1)
<a href="#">199996</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6549-1)
<a href="#">199997</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6548-1)
<a href="#">199999</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6548-2)
<a href="#">200002</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-2)
<a href="#">200003</a> Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-6549-2)
<a href="#">200006</a> Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6548-3)
<a href="#">200007</a> Ubuntu Security Notification for Linux kernel (Low Latency) Vulnerabilities (USN-6549-3)
<a href="#">200010</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-3)
<a href="#">200024</a> Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6549-4)
<a href="#">200035</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6549-5)
<a href="#">200037</a> Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6548-5)
<a href="#">200113</a> Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-6635-1)
<a href="#">6000429</a> Debian Security Update for linux (DLA 3710-1)
<a href="#">673534</a> EulerOS Security Update for kernel (EulerOS-SA-2024-1086)
<a href="#">673595</a> EulerOS Security Update for kernel (EulerOS-SA-2023-3247)
<a href="#">673644</a> EulerOS Security Update for kernel (EulerOS-SA-2023-3336)
<a href="#">673692</a> EulerOS Security Update for kernel (EulerOS-SA-2023-3275)
<a href="#">673923</a> EulerOS Security Update for kernel (EulerOS-SA-2024-1062)
<a href="#">673995</a> EulerOS Security Update for kernel (EulerOS-SA-2024-1275)
<a href="#">674042</a> EulerOS Security Update for kernel (EulerOS-SA-2023-3304)
<a href="#">755235</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4377-1)
<a href="#">755238</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4378-1)
<a href="#">755240</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4375-1)

755249 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4414-1)
755563 SUSE Security Update for the linux kernel (SUSE-SU-2023:4351-1)
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)
755566 SUSE Security Update for the linux kernel (SUSE-SU-2023:4345-1)
755567 SUSE Security Update for the linux kernel (SUSE-SU-2023:4343-1)
907471 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31267)
907589 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31267-1)

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