



# CVE-2023-39192

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2023-39192
<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 xt_u32 module did not validate the fields in the xt_u32 s

## 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

## References

Reference	Source
ZDI-23-1490   Zero Day Initiative	MISC
2226784 – (CVE-2023-39192, ZDI-CAN-18408) CVE-2023-39192 kernel: netfilter: xtables out-of-bounds read in u32_match_it()	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

[161211](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-13019)

[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="#">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="#">356357</a> Amazon Linux Security Advisory for kernel : ALAS-2023-1838
<a href="#">356371</a> Amazon Linux Security Advisory for kernel : ALAS2023-2023-356
<a href="#">356409</a> Amazon Linux Security Advisory for kernel : ALAS2-2023-2264
<a href="#">356567</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-027
<a href="#">356572</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2023-040
<a href="#">356606</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-053
<a href="#">379435</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2024:0012)
<a href="#">379614</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2024:0017)
<a href="#">390293</a> Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0025)
<a href="#">6000429</a> Debian Security Update for linux (DLA 3710-1)
<a href="#">6140314</a> AWS Bottlerocket Security Update for kernel (GHSA-7fvv-59hh-g6m7)
<a href="#">673534</a> EulerOS Security Update for kernel (EulerOS-SA-2024-1086)
<a href="#">673563</a> EulerOS Security Update for kernel (EulerOS-SA-2024-1144)

673595 EulerOS Security Update for kernel (EulerOS-SA-2023-3247)
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)
907450 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31266)
907583 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (31266-1)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status [status.cve.report](#)**