



# CVE-2023-42756

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

## Summary

<b>CVE</b>	CVE-2023-42756
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-09-28 14:15:00 UTC
<b>Updated</b>	2023-11-07 04:21:00 UTC
<b>Description</b>	A flaw was found in the Netfilter subsystem of the Linux kernel. A race condition between IPSET_CMD_ADD and IPSET_C

## Risk And Classification

### Problem Types: CWE-362

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	37	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	38	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	39	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	6.6	rc1	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	6.6	rc2	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	9.0	All	All	All

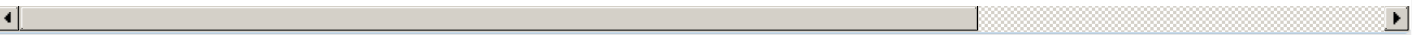
## References

Reference	Source
[SECURITY] [DLA 3623-1] linux-5.10 security update	MISC
oss-sec: [CVE-2023-42756] Linux kernel race condition in netfilter	MISC
[SECURITY] Fedora 38 Update: kernel-6.5.6-200.fc38 - package-announce - Fedora Mailing-Lists	MISC
[SECURITY] Fedora 37 Update: kernel-6.5.6-100.fc37 - package-announce - Fedora Mailing-Lists	MISC
cve-details	MISC
[SECURITY] Fedora 39 Update: kernel-6.5.6-300.fc39 - package-announce - Fedora Mailing-Lists	MISC

2239848 – (CVE-2023-42756) CVE-2023-42756 kernel: netfilter: race condition between IPSET\_CMD\_ADD and IPSET\_CMD\_SWAP MISC

CVE Program record CVE.

NVD vulnerability detail NVD



No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[161237](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-13043)

[199841](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6444-1)

[199844](#) Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-1)

[199845](#) Ubuntu Security Notification for Linux kernel (BlueField) Vulnerabilities (USN-6442-1)

[199846](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6441-1)

[199847](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6443-1)

[199848](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6446-1)

[199854](#) Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-6441-2)

[199858](#) Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-2)

[199859](#) Ubuntu Security Notification for Linux kernel (StarFive) Vulnerabilities (USN-6444-2)

[199861](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6446-2)

[199868](#) Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-6446-3)

[199872](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6441-3)

[199883](#) Ubuntu Security Notification for Linux kernel (NVIDIA) Vulnerabilities (USN-6466-1)

[199893](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6479-1)

[199912](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6454-1)

[199913](#) Ubuntu Security Notification for Linux kernel (StarFive) Vulnerabilities (USN-6454-4)

[199916](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6454-2)

[199918](#) Ubuntu Security Notification for Linux kernel (ARM laptop) Vulnerabilities (USN-6454-3)

[284598](#) Fedora Security Update for kernel (FEDORA-2023-50bd7c9c12)

[284599](#) Fedora Security Update for kernel (FEDORA-2023-830d9ec624)

[285211](#) Fedora Security Update for kernel (FEDORA-2023-c3bb819677)

[356530](#) Amazon Linux Security Advisory for kernel : ALAS2023-2023-385

<a href="#">356569</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-028
<a href="#">6000265</a> Debian Security Update for linux-5.10 (DLA 3623-1)
<a href="#">6140204</a> AWS Bottlerocket Security Update for kernel (GHSA-3gh7-4chv-fmw4)
<a href="#">6140380</a> AWS Bottlerocket Security Update for kernel (GHSA-j3v4-jxrr-6grv)
<a href="#">673595</a> EulerOS Security Update for kernel (EulerOS-SA-2023-3247)
<a href="#">673692</a> EulerOS Security Update for kernel (EulerOS-SA-2023-3275)
<a href="#">907558</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (30055-1)

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