



# CVE-2023-1206

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

## Summary

<b>CVE</b>	CVE-2023-1206
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-06-30 22:15:00 UTC
<b>Updated</b>	2024-01-11 19:15:00 UTC
<b>Description</b>	A hash collision flaw was found in the IPv6 connection lookup table in the Linux kernel's IPv6 functionality when a user mak

## Risk And Classification

**Problem Types:** CWE-400

## 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	Link
2175903 – (CVE-2023-1206) CVE-2023-1206 kernel: hash collisions in the IPv6 connection lookup table	MISC	<a href="#">bugzilla.redhat.com</a>
Debian -- Security Information -- DSA-5480-1 linux	DEBIAN	<a href="#">www.debian.org</a>
[debian-lts-announce] 20240111 [SECURITY] [DLA 3710-1] linux security update		<a href="#">lists.debian.org</a>
CVE-2023-1206 Linux Kernel Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="#">security.netapp.com</a>
Debian -- Security Information -- DSA-5492-1 linux	DEBIAN	<a href="#">www.debian.org</a>
[SECURITY] [DLA 3623-1] linux-5.10 security update	MLIST	<a href="#">lists.debian.org</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">161066</a> Oracle Enterprise Linux Security Update for kernel (ELSA-2023-6583)
<a href="#">161147</a> Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)
<a href="#">199764</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6385-1)
<a href="#">199804</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6417-1)
<a href="#">199809</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6416-1)
<a href="#">199810</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6412-1)
<a href="#">199814</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6416-2)
<a href="#">199840</a> Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-6416-3)
<a href="#">199842</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6440-1)
<a href="#">199843</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6439-1)
<a href="#">199844</a> Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-1)
<a href="#">199849</a> Ubuntu Security Notification for Linux kernel (Azure) Vulnerabilities (USN-6440-2)
<a href="#">199855</a> Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6439-2)
<a href="#">199858</a> Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6445-2)
<a href="#">199864</a> Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-6440-3)
<a href="#">199874</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6460-1)
<a href="#">199883</a> Ubuntu Security Notification for Linux kernel (NVIDIA) Vulnerabilities (USN-6466-1)
<a href="#">242151</a> Red Hat Update for kernel security (RHSA-2023:5627)
<a href="#">242154</a> Red Hat Update for kernel (RHSA-2023:5604)
<a href="#">242157</a> Red Hat Update for kernel-rt (RHSA-2023:5603)
<a href="#">242399</a> Red Hat Update for kernel security (RHSA-2023:6583)
<a href="#">242434</a> Red Hat Update for kernel-rt security (RHSA-2023:6901)
<a href="#">242451</a> Red Hat Update for kernel security (RHSA-2023:7077)
<a href="#">355525</a> Amazon Linux Security Advisory for kernel : ALAS2023-2023-233
<a href="#">355527</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2023-048
<a href="#">355534</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2023-035
<a href="#">355537</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-022

<a href="#">355551</a> Amazon Linux Security Advisory for kernel : ALAS2-2023-2108
<a href="#">355561</a> Amazon Linux Security Advisory for kernel : ALAS-2023-1776
<a href="#">379043</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)
<a href="#">379435</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2024:0012)
<a href="#">6000212</a> Debian Security Update for linux (DSA 5480-1)
<a href="#">6000220</a> Debian Security Update for linux (DSA 5492-1)
<a href="#">6000265</a> Debian Security Update for linux-5.10 (DLA 3623-1)
<a href="#">6000429</a> Debian Security Update for linux (DLA 3710-1)
<a href="#">6120001</a> Google COS Security Update for sys-kernel/lakitu-kernel-5_4 (CVE-2023-1206)
<a href="#">6140349</a> AWS Bottlerocket Security Update for kernel (GHSA-rrr3-w6jw-97j7)
<a href="#">673406</a> EulerOS Security Update for kernel (EulerOS-SA-2023-3182)
<a href="#">673449</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2898)
<a href="#">673484</a> EulerOS Security Update for kernel (EulerOS-SA-2023-3033)
<a href="#">673498</a> EulerOS Security Update for kernel (EulerOS-SA-2023-3132)
<a href="#">673563</a> EulerOS Security Update for kernel (EulerOS-SA-2024-1144)
<a href="#">673732</a> EulerOS Security Update for kernel (EulerOS-SA-2023-3010)
<a href="#">673848</a> EulerOS Security Update for kernel (EulerOS-SA-2023-3217)
<a href="#">673970</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2879)
<a href="#">755059</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4035-1)
<a href="#">755060</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4031-1)
<a href="#">755061</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4030-1)
<a href="#">755063</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4032-1)
<a href="#">755082</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4058-1)
<a href="#">755083</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4057-1)
<a href="#">755085</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4072-1)
<a href="#">755086</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4071-1)
<a href="#">755096</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4093-1)
<a href="#">755107</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:4095-1)

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

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

[941453](#) AlmaLinux Security Update for kernel (ALSA-2023:7077)

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