



# CVE-2023-2235

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

## Summary

<b>CVE</b>	CVE-2023-2235
<b>State</b>	PUBLIC
<b>Assigner</b>	security@google.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-05-01 13:15:00 UTC
<b>Updated</b>	2023-08-25 15:24:00 UTC
<b>Description</b>	A use-after-free vulnerability in the Linux Kernel Performance Events system can be exploited to achieve local privilege esc

## Risk And Classification

**Problem Types:** CWE-416

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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>	6.3	rc1	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	6.3	rc2	All	All

## References

Reference	Source	Link	Tags
CVE-2023-2235 Linux Kernel Vulnerability in NetApp Products   NetApp Product Security	MISC	<a href="https://security.netapp.com">security.netapp.com</a>	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	<a href="https://git.kernel.org">git.kernel.org</a>	
kernel.dance/fd0815f632c24878e325821943edccc7fde947a2	MISC	<a href="https://kernel.dance">kernel.dance</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, and

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[160806](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-3723)

[160859](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-4517)

<a href="#">182346</a> Debian Security Update for linux (CVE-2023-2235)
<a href="#">199422</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6175-1)
<a href="#">199437</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6186-1)
<a href="#">199670</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6300-1)
<a href="#">199764</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-6385-1)
<a href="#">241732</a> Red Hat Update for kpatch-patch (RHSA-2023:3705)
<a href="#">241733</a> Red Hat Update for kernel (RHSA-2023:3723)
<a href="#">241740</a> Red Hat Update for kernel-rt (RHSA-2023:3708)
<a href="#">241823</a> Red Hat Update for kernel (RHSA-2023:4137)
<a href="#">241830</a> Red Hat Update for kernel-rt (RHSA-2023:4138)
<a href="#">241927</a> Red Hat Update for kernel-rt (RHSA-2023:4541)
<a href="#">241936</a> Red Hat Update for kernel (RHSA-2023:4517)
<a href="#">242151</a> Red Hat Update for kernel security (RHSA-2023:5627)
<a href="#">355178</a> Amazon Linux Security Advisory for kernel : ALAS2023-2023-148
<a href="#">355358</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-019
<a href="#">755851</a> SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)
<a href="#">906906</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (26389-1)
<a href="#">941166</a> AlmaLinux Security Update for kernel (ALSA-2023:3723)
<a href="#">941167</a> AlmaLinux Security Update for kernel-rt (ALSA-2023:3708)
<a href="#">941227</a> AlmaLinux Security Update for kernel (ALSA-2023:4517)
<a href="#">941228</a> AlmaLinux Security Update for kernel-rt (ALSA-2023:4541)
<a href="#">961032</a> Rocky Linux Security Update for kernel (RLSA-2023:4517)
<a href="#">961046</a> Rocky Linux Security Update for kernel-rt (RLSA-2023:4541)

© [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](#).

