



CVE-2023-1838

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2023-1838
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-04-05 19:15:00 UTC
Updated	2023-11-07 04:05:00 UTC
Description	A use-after-free flaw was found in vhost_net_set_backend in drivers/vhost/net.c in virtio network subcomponent in the Linux

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	Tags
CVE-2023-1838 Linux Kernel Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
[PATCH] vhost_net: fix double fget()		lore.kernel.org	
[PATCH] vhost_net: fix double fget()	MISC	lore.kernel.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, and

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[161372](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2024-12169)

[161402](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2024-0897)

[181709](#) Debian Security Update for linux (CVE-2023-1838)

242789 Red Hat Update for kernel (RHSA-2024:0575)
242855 Red Hat Update for kernel (RHSA-2024:0412)
242939 Red Hat Update for kernel (RHSA-2024:0897)
242983 Red Hat Update for kernel-rt (RHSA-2024:0881)
355565 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2023-023
378473 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0021)
672935 EulerOS Security Update for kernel (EulerOS-SA-2023-1824)
672952 EulerOS Security Update for kernel (EulerOS-SA-2023-1806)
673074 EulerOS Security Update for kernel (EulerOS-SA-2023-2193)
673182 EulerOS Security Update for kernel (EulerOS-SA-2023-2335)
673208 EulerOS Security Update for kernel (EulerOS-SA-2023-2315)
673393 EulerOS Security Update for kernel (EulerOS-SA-2023-2647)
674113 EulerOS Security Update for kernel (EulerOS-SA-2023-2689)
753981 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2146-1)
753982 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2148-1)
755851 SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)
906812 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (26043-1)
906858 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (26032-1)
941584 AlmaLinux Security Update for kernel (ALSA-2024:0897)

© 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](#)