



CVE-2023-5158

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

Summary

CVE	CVE-2023-5158
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-09-25 16:15:00 UTC
Updated	2023-11-07 04:23:00 UTC
Description	A flaw was found in vringh_kiov_advance in drivers/vhost/vringh.c in the host side of a virtio ring in the Linux Kernel. This is

Risk And Classification

Problem Types: NVD-CWE-noinfo

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

[cve-details](#)

[2240561 – \(CVE-2023-5158\) CVE-2023-5158 kernel: Possible DOS from guest to host invringh_kiov_advance in vhost driver at drivers/vhost/](#)

[CVE Program record](#)

[NVD vulnerability detail](#)

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[199976](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-1)

[199980](#) Ubuntu Security Notification for Linux kernel Vulnerability (USN-6536-1)

[199982](#) Ubuntu Security Notification for Linux kernel (GCP) Vulnerability (USN-6537-1)

[199996](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6549-1)

200002 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-2)
200003 Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-6549-2)
200007 Ubuntu Security Notification for Linux kernel (Low Latency) Vulnerabilities (USN-6549-3)
200010 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6534-3)
200024 Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-6549-4)
200035 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6549-5)
200113 Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-6635-1)

© [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](#)