



# CVE-2022-1852

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

## Summary

<b>CVE</b>	CVE-2022-1852
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-06-30 13:15:00 UTC
<b>Updated</b>	2022-10-26 17:08:00 UTC
<b>Description</b>	A NULL pointer dereference flaw was found in the Linux kernel's KVM module, which can lead to a denial of service in the

## Risk And Classification

**Problem Types:** CWE-476

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

## References

Reference	Source	Link
KVM: x86: avoid calling x86 emulator without a decoded instruction · torvalds/linux@fee060c · GitHub	MISC	<a href="#">github.com</a>
2089815 – (CVE-2022-1852) CVE-2022-1852 kernel: NULL pointer dereference in x86_emulate_insn may lead to DoS	MISC	<a href="#">bugzilla.redhat.com</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

159863 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-9442)

159864 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2022-9443)

159865 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-9444)

<a href="#">160210</a> Oracle Enterprise Linux Security Update for kernel (ELSA-2022-7683)
<a href="#">160270</a> Oracle Enterprise Linux Security Update for kernel (ELSA-2022-8267)
<a href="#">179371</a> Debian Security Update for linux (DSA 5161-1)
<a href="#">184869</a> Debian Security Update for linux (CVE-2022-1852)
<a href="#">198868</a> Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5529-1)
<a href="#">198921</a> Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5594-1)
<a href="#">198927</a> Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-5599-1)
<a href="#">198929</a> Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5602-1)
<a href="#">198942</a> Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5616-1)
<a href="#">198950</a> Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-5623-1)
<a href="#">240815</a> Red Hat Update for kernel-rt (RHSA-2022:7444)
<a href="#">240817</a> Red Hat Update for kernel security (RHSA-2022:7683)
<a href="#">240869</a> Red Hat Update for kernel-rt (RHSA-2022:7933)
<a href="#">240904</a> Red Hat Update for kernel security (RHSA-2022:8267)
<a href="#">282812</a> Fedora Security Update for kernel (FEDORA-2022-80cc9873be)
<a href="#">282813</a> Fedora Security Update for kernel (FEDORA-2022-8269eaf361)
<a href="#">354018</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2022-003
<a href="#">354022</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2022-002
<a href="#">354024</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.15-2022-004
<a href="#">354270</a> Amazon Linux Security Advisory for kernel : ALAS2022-2022-114
<a href="#">354468</a> Amazon Linux Security Advisory for kernel : ALAS2022-2022-185
<a href="#">354542</a> Amazon Linux Security Advisory for kernel : ALAS-2022-185
<a href="#">355199</a> Amazon Linux Security Advisory for kernel : ALAS2023-2023-070
<a href="#">610451</a> Google Pixel Android December 2022 Security Patch Missing
<a href="#">6140034</a> AWS Bottlerocket Security Update for kernel (GHSA-77rh-vcmj-rfw3)
<a href="#">752370</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2520-1)
<a href="#">753148</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2615-1)
<a href="#">902419</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10023)
<a href="#">902434</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10003)

902621 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10003-1)
902680 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10023-1)
906023 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10023-2)
906508 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10003-2)
940732 AlmaLinux Security Update for kernel (ALSA-2022:7683)
940766 AlmaLinux Security Update for kernel-rt (ALSA-2022:7444)
940798 AlmaLinux Security Update for kernel (ALSA-2022:8267)
940843 AlmaLinux Security Update for kernel-rt (ALSA-2022:7933)
960176 Rocky Linux Security Update for kernel-rt (RLSA-2022:7444)
960184 Rocky Linux Security Update for kernel (RLSA-2022:7683)

© [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](#)**