



CVE-2021-3732

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

Summary

CVE	CVE-2021-3732
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-03-10 17:42:00 UTC
Updated	2022-12-13 19:50:00 UTC
Description	A flaw was found in the Linux kernel's OverlayFS subsystem in the way the user mounts the TmpFS filesystem with Overlay

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
Operating System	Linux	Linux Kernel	5.14	-	All	All
Operating System	Linux	Linux Kernel	5.14	rc1	All	All
Operating System	Linux	Linux Kernel	5.14	rc2	All	All
Operating System	Linux	Linux Kernel	5.14	rc3	All	All
Operating System	Linux	Linux Kernel	5.14	rc4	All	All
Operating System	Linux	Linux Kernel	5.14	rc5	All	All

References

Reference
kernel/git/torvalds/linux.git - Linux kernel source tree
1995249 – (CVE-2021-3732) CVE-2021-3732 kernel: overlaysfs: Mounting overlaysfs inside an unprivileged user namespace can reveal files
CVE-2021-3732 Ubuntu
ovl: prevent private clone if bind mount is not allowed · torvalds/linux@427215d · GitHub
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159492](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2021-4356)

[159568](#) Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9577)

[178809](#) Debian Security Update for linux (DSA 4978-1)

[178844](#) Debian Security Update for linux-4.19 (DLA 2785-1)

[178943](#) Debian Security Update for linux (DLA 2843-1)

[179727](#) Debian Security Update for linux (CVE-2021-3732)

[198518](#) Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5094-2)

[198520](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5094-1)

[198524](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5096-1)

[198540](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5113-1)

[198542](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5115-1)

[198544](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5116-1)

[198546](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5116-2)

[199560](#) Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6001-1)

[199568](#) Ubuntu Security Notification for Linux kernel (AWS) Vulnerabilities (USN-6013-1)

[199577](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6014-1)

[239816](#) Red Hat Update for kernel security (RHSA-2021:4356)

[239879](#) Red Hat Update for kernel-rt (RHSA-2021:4140)

[352839](#) Amazon Linux Security Advisory for kernel: ALAS2-2021-1704

[352871](#) Amazon Linux Security Advisory for kernel : ALAS-2021-1539

[356186](#) Amazon Linux Security Advisory for microvm-kernel : ALASMICROVM-KERNEL-4.14-2023-003

[356218](#) Amazon Linux Security Advisory for microvm-kernel : ALASMICROVM-KERNEL-4.14-2023-002

[390252](#) Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0039)

[751137](#) OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1271-1)

[751155](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3192-1)

[751160](#) OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3179-1)

751163 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3206-1)
751170 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3205-1)
751437 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3876-1)
751441 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3876-1)
751451 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3935-1)
751473 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3969-1)
751476 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:3972-1)
900772 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (8935)
906060 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (8935-1)
940265 AlmaLinux Security Update for kernel (ALSA-2021:4356)

© [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](#)