CVE-2021-4149

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Summary

CVE	CVE-2021-4149
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-03-23 20:15:00 UTC
Updated	2023-02-01 15:53:00 UTC
Description	A vulnerability was found in btrfs_alloc_tree_b in fs/btrfs/extent-tree.c in the Linux kernel due to an improper lock operation

Risk And Classification

Problem Types: CWE-667

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Linux	Linux Kernel	5.15	-	All	All
Application	Linux	Linux Kernel	5.15	rc1	All	All
Application	Linux	Linux Kernel	5.15	rc2	All	All
Application	Linux	Linux Kernel	5.15	rc3	All	All
Application	Linux	Linux Kernel	5.15	rc4	All	All
Application	Linux	Linux Kernel	5.15	rc5	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	5.15	-	All	All
Operating System	Linux	Linux Kernel	5.15	rc1	All	All
Operating System	Linux	Linux Kernel	5.15	rc2	All	All
Operating System	Linux	Linux Kernel	5.15	rc3	All	All
Operating System	Linux	Linux Kernel	5.15	rc4	All	All
Operating System	Linux	Linux Kernel	5.15	rc5	All	All

References

Reference	Source	Link

LKML: Hao Sun: WARNING: lock held when returning to user space in __btrfs_tree_lock	MISC	lkml.org
LKML: Greg Kroah-Hartman: [PATCH 5.14 030/151] btrfs: unlock newly allocated extent buffer after error	MISC	lkml.org
2026485 – (CVE-2021-4149) CVE-2021-4149 kernel: Improper lock operation in btrfs	MISC	bugzilla.redhat.com
[SECURITY] [DLA 3065-1] linux security update	MLIST	lists.debian.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

159760 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel-container (ELSA-2022-9314)

159763 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-9313)

159777 Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-9348)

179840 Debian Security Update for linux (CVE-2021-4149)

180282 Debian Security Update for linux (DLA 3065-1)

198825 Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5466-1)

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)

390261 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2022-0014)

671703 EulerOS Security Update for kernel (EulerOS-SA-2022-1735)

751602 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0080-1)

751654 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0197-1)

751657 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2022:0198-1)

751666 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2022:0169-1)

751695 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0367-1)

751696 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0364-1)

751697 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0366-1)

751698 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0362-1)

751701 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2022:0366-1)

751702 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0371-1)

751993 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0198-1)

753194 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0288-1)

753267 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0169-1)

753462 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:0289-1)

900780 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9136)

901316 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9136-1)

905972 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (9136-2)