



CVE-2021-28964

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

Summary

CVE	CVE-2021-28964
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-03-22 09:15:00 UTC
Updated	2023-11-07 03:32:00 UTC
Description	A race condition was discovered in get_old_root in fs/btrfs/ctree.c in the Linux kernel through 5.11.8. It allows attackers to c

Risk And Classification

Problem Types: CWE-362

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Hardware	Netapp	Aff A250	-	All	All	All
Operating System	Netapp	Aff A250 Firmware	-	All	All	All
Application	Netapp	Cloud Backup	-	All	All	All
Hardware	Netapp	Fas 500f	-	All	All	All
Operating System	Netapp	Fas 500f Firmware	-	All	All	All
Operating System	Netapp	Solidfire Baseboard Management Controller Firmware	-	All	All	All

References

Reference	Source	Link	T
[SECURITY] Fedora 34 Update: kernel-5.11.9-300.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] Fedora 32 Update: kernel-5.11.10-100.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] [DLA 2689-1] linux security update	MLIST	lists.debian.org	

[SECURITY] Fedora 34 Update: kernel-5.11.9-300.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 33 Update: kernel-5.11.9-200.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org
[SECURITY] [DLA 2690-1] linux-4.19 security update	MLIST	lists.debian.org
[SECURITY] Fedora 33 Update: kernel-5.11.9-200.fc33 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
March 2021 Linux Kernel 5.11.8 Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com
[SECURITY] Fedora 32 Update: kernel-5.11.10-100.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.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

[159175](#) Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9215)

[159177](#) Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9220)

[159178](#) Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel-container (ELSA-2021-9221)

[159179](#) Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel (ELSA-2021-9222)

[159180](#) Oracle Enterprise Linux Security Update for Unbreakable Enterprise kernel-container (ELSA-2021-9223)

[174896](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1177-1)

[174897](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1175-1)

[174916](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1210-1)

[174917](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1211-1)

[174919](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1238-1)

[178679](#) Debian Security Update for linux-4.19 (DLA 2690-1)

[178680](#) Debian Security Update for linux (DLA 2689-1)

[180327](#) Debian Security Update for linux (CVE-2021-28964)

[198365](#) Ubuntu Security Notification for Linux kernel (OEM) vulnerabilities (USN-4948-1)

[198398](#) Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4979-1)

[198401](#) Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4982-1)

[198403](#) Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4984-1)

[281407](#) Fedora Security Update for kernel (FEDORA-2021-9503ffad9)

281424 Fedora Security Update for kernel (FEDORA-2021-68b0dd2373)
281425 Fedora Security Update for kernel (FEDORA-2021-e636ce53df)
352274 Amazon Linux Security Advisory for kernel: ALAS2-2021-1627
352366 Amazon Linux Security Advisory for kernel: ALAS-2021-1503
353100 Amazon Linux Security Advisory for kernel : ALAC2012-2021-024
353101 Amazon Linux Security Advisory for kmod-mlx5 : ALAC2012-2021-025
353102 Amazon Linux Security Advisory for kmod-sfc : ALAC2012-2021-026
353149 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-002
390225 Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2021-0016)
6140384 AWS Bottlerocket Security Update for kernel (GHSA-rqmv-5fhx-4hg6)
670416 EulerOS Security Update for kernel (EulerOS-SA-2021-1983)
670438 EulerOS Security Update for kernel (EulerOS-SA-2021-2062)
670449 EulerOS Security Update for kernel (EulerOS-SA-2021-2051)
670463 EulerOS Security Update for kernel (EulerOS-SA-2021-2221)
670634 EulerOS Security Update for kernel (EulerOS-SA-2021-2392)
671047 EulerOS Security Update for kernel (EulerOS-SA-2021-2588)
750004 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1573-1)
750006 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1596-1)
750015 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1624-1)
750199 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0758-1)
750276 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:0532-1)
750650 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1975-1)
750652 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2021:1977-1)
750762 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1977-1)
750766 OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:1975-1)
900100 CBL-Mariner Linux Security Update for kernel 5.10.52.1
900305 CBL-Mariner Linux Security Update for kernel 5.10.57.1
900320 CBL-Mariner Linux Security Update for kernel 5.10.60.1
901000 CBL-Mariner Linux Security Update for kernel 5.10.60.1

[901622](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (6541-1)

[903705](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3994)

[906214](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3994-1)

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