



CVE-2021-3178

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Summary

CVE	CVE-2021-3178
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-01-19 07:15:00 UTC
Updated	2023-11-07 03:37:00 UTC
Description	** DISPUTED ** fs/nfsd/nfs3xdr.c in the Linux kernel through 5.10.8, when there is an NFS export of a subdirectory of a file:

Risk And Classification

Problem Types: CWE-22

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	33	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All

References

Reference	Source	Link	T
[SECURITY] Fedora 33 Update: kernel-5.10.10-200.fc33 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] [DLA 2586-1] linux security update	MLIST	lists.debian.org	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.org	M
nfsd4: readdirplus shouldn't return parent of export - Patchwork		patchwork.kernel.org	
[SECURITY] Fedora 33 Update: kernel-5.10.10-200.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	M
nfsd4: readdirplus shouldn't return parent of export - Patchwork	MISC	patchwork.kernel.org	M
CVE Program record	CVE.ORG	www.cve.org	c
NVD vulnerability detail	NVD	nvd.nist.gov	c

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

180245 Debian Security Update for linux (CVE-2021-3178)
198295 Ubuntu Security Notification for Linux, Linux-aws, Linux-kvm, Linux-lts-xenial, Linux-raspi2, (USN-4876-1)
198296 Ubuntu Security Notification for Linux, Linux-aws, Linux-aws-hwe, Linux-azure, Linux-azure-4.15, (USN-4877-1)
198297 Ubuntu Security Notification for Linux, Linux-aws, Linux-aws-5.4, Linux-azure, Linux-azure-5.4, Linux-gcp, (USN-4878-1)
198326 Ubuntu Security Notification for Linux kernel vulnerabilities (USN-4910-1)
198328 Ubuntu Security Notification for Linux kernel (OEM) vulnerabilities (USN-4912-1)
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
353131 Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-020
377055 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2021:0027)
6140383 AWS Bottlerocket Security Update for kernel (GHSA-55p7-vpmj-5wj4)
670269 EulerOS Security Update for kernel (EulerOS-SA-2021-1808)
670320 EulerOS Security Update for kernel (EulerOS-SA-2021-1904)
670345 EulerOS Security Update for kernel (EulerOS-SA-2021-1879)
670375 EulerOS Security Update for kernel (EulerOS-SA-2021-1950)
670634 EulerOS Security Update for kernel (EulerOS-SA-2021-2392)
900098 CBL-Mariner Linux Security Update for kernel 5.4.91
903252 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3817)

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