



CVE-2019-19462

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2019-19462
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-11-30 01:15:00 UTC
Updated	2023-11-07 03:07:00 UTC
Description	relay_open in kernel/relay.c in the Linux kernel through 5.4.1 allows local users to cause a denial of service (such as relay k

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	20.04	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Application	Netapp	Active Iq Unified Manager	All	All	All	All
Application	Netapp	Active Iq Unified Manager	All	All	All	All

Hardware	Netapp	Hci Compute Node	-	All	All	All
Hardware	Netapp	Hci Compute Node	-	All	All	All
Application	Netapp	Hci Management Node	-	All	All	All
Application	Netapp	Hci Management Node	-	All	All	All
Hardware	Netapp	Hci Storage Node	-	All	All	All
Hardware	Netapp	Hci Storage Node	-	All	All	All
Application	Netapp	Solidfire	-	All	All	All
Application	Netapp	Solidfire	-	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All

References

Reference	Source	Link	Tag
BUG: unable to handle kernel paging request in relay_destroy_buf	MISC	syzkaller-ppc64.appspot.com	Pat
[PATCH] relay: handle alloc_percpu returning NULL in relay_open - Daniel Axtens	MISC	lore.kernel.org	Mai
[PATCH] relay: handle alloc_percpu returning NULL in relay_open - Daniel Axtens		lore.kernel.org	
general protection fault in relay_open	MISC	syzkaller.appspot.com	Thir
USN-4440-1: linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Thir
CVE-2019-19462 Linux Kernel Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	Thir
Debian -- Security Information -- DSA-4699-1 linux	DEBIAN	www.debian.org	Thir
BUG: Unable to handle kernel data access at ADDR	MISC	syzkaller-ppc64.appspot.com	Pat
general protection fault in relay_close_buf	MISC	syzkaller.appspot.com	Thir
USN-4439-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Thir
[security-announce] openSUSE-SU-2020:0935-1: important: Security update	SUSE	lists.opensuse.org	Mai
[SECURITY] [DLA 2242-1] linux-4.9 security update	MLIST	lists.debian.org	Mai
Debian -- Security Information -- DSA-4698-1 linux	DEBIAN	www.debian.org	Thir
USN-4425-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Thir
[security-announce] openSUSE-SU-2020:0801-1: important: Security update	SUSE	lists.opensuse.org	Mai
USN-4414-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Thir
CVE Program record	CVE.ORG	www.cve.org	can
NVD vulnerability detail	NVD	nvd.nist.gov	can

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[352300](#) Amazon Linux Security Advisory for kernel: ALAC2012-2020-020

[353139](#) Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-012

[377038](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2020:0198)

[750376](#) OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)

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