CVE-2019-3882

MITRE | NVD | CVE.ORG | Print: PDF

Summary

CVE	CVE-2019-3882
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-04-24 16:29:00 UTC
Updated	2023-02-12 23:38:00 UTC
Description	A flaw was found in the Linux kernel's vfio interface implementation that permits violation of the user's locked memory limit.

Risk And Classification

Problem Types: CWE-770

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edit
Operating System	Canonical	Ubuntu Linux	14.04	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All
Operating System	Debian	Debian Linux	10.0	All	All
Operating System	Debian	Debian Linux	8.0	All	All
Operating System	Debian	Debian Linux	9.0	All	All
Operating System	Debian	Debian Linux	10.0	All	All
Operating System	Debian	Debian Linux	8.0	All	All
Operating System	Debian	Debian Linux	9.0	All	All
Operating System	Fedoraproject	Fedora	All	All	All

Operating System	Fedoraproject	Fedora	All	All	All
Operating System	Linux	Linux Kernel	3.10	All	All
Operating System	Linux	Linux Kernel	4.14	All	All
Operating System	Linux	Linux Kernel	4.18	All	All
Operating System	Linux	Linux Kernel	3.10	All	All
Operating System	Linux	Linux Kernel	4.14	All	All
Operating System	Linux	Linux Kernel	4.18	All	All
Application	Netapp	Active Iq Unified Manager For Vmware Vsphere	All	All	All
Application	Netapp	Active Iq Unified Manager For Vmware Vsphere	All	All	All
Hardware	Netapp	Cn1610	-	All	All
Hardware	Netapp	Cn1610	-	All	All
Operating System	Netapp	Cn1610 Firmware	-	All	All
Operating System	Netapp	Cn1610 Firmware	-	All	All
Application	Netapp	Hci Management Node	-	All	All
Application	Netapp	Hci Management Node	-	All	All
Application	Netapp	Snapprotect	-	All	All
Application	Netapp	Snapprotect	-	All	All
Application	Netapp	Solidfire	-	All	All
Application	Netapp	Solidfire	-	All	All
Application	Netapp	Storage Replication Adapter For Clustered Data Ontap For Vmware Vsphere	All	All	All
Application	Netapp	Storage Replication Adapter For Clustered Data Ontap For Vmware Vsphere	All	All	All
Application	Netapp	Vasa Provider For Clustered Data Ontap	All	All	All
Application	Netapp	Vasa Provider For Clustered Data Ontap	All	All	All
Application	Netapp	Virtual Storage Console For Vmware Vsphere	All	All	All
Application	Netapp	Virtual Storage Console For Vmware Vsphere	All	All	All
Operating System	Opensuse	Leap	15.0	All	All
Operating System	Opensuse	Leap	15.1	All	All
Operating System	Opensuse	Leap	42.3	All	All
Operating System	Opensuse	Leap	15.0	All	All
Operating System	Opensuse	Leap	15.1	All	All
Operating System	Opensuse	Leap	42.3	All	All

References

Reference	Source	Link
[security-announce] openSUSE-SU-2019:1407-1: important: Security update	SUSE	lists.opensuse.org

[security-announce] openSUSE-SU-2019:1404-1: important: Security update	SUSE	lists.opensuse.org
USN-3980-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
USN-3982-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Debian -- Security Information -- DSA-4497-1 linux	DEBIAN	www.debian.org
[SECURITY] [DLA 1799-2] linux security update	MLIST	lists.debian.org
USN-3982-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
1689426 – (CVE-2019-3882) CVE-2019-3882 kernel: denial of service vector through vfio DMA mappings	CONFIRM	bugzilla.redhat.com
Red Hat Customer Portal	MISC	access.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
USN-3980-2: Linux kernel (HWE) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
[security-announce] openSUSE-SU-2019:1479-1: important: Security update	SUSE	lists.opensuse.org
May 2019 Linux Kernel Vulnerabilities in NetApp Products | NetApp Product Security	CONFIRM	security.netapp.com
[SECURITY] [DLA 1799-1] linux security update	MLIST	lists.debian.org
Red Hat Customer Portal	REDHAT	access.redhat.com
USN-3979-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
1689426 – (CVE-2019-3882) CVE-2019-3882 kernel: denial of service vector through vfio DMA mappings	MISC	bugzilla.redhat.com
Bugtraq: [SECURITY] [DSA 4497-1] linux security update	BUGTRAQ	seclists.org
USN-3981-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
[SECURITY] [DLA 1885-1] linux-4.9 security update	MLIST	lists.debian.org
Red Hat Customer Portal	REDHAT	access.redhat.com
USN-3981-2: Linux kernel (HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
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

377213 Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2019:0029)

CVE.report and Source URL Uptime Status status.cve.report