



CVE-2019-8980

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

Summary

CVE	CVE-2019-8980
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-02-21 05:29:00 UTC
Updated	2023-11-07 03:13:00 UTC
Description	A memory leak in the kernel_read_file function in fs/exec.c in the Linux kernel through 4.20.11 allows attackers to cause a c

Risk And Classification

Problem Types: CWE-401

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	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	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	18.10	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	18.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	5.1	rc1	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All

References

Reference	Source	Link	Tags
[PATCH -next] exec: Fix mem leak in kernel_read_file		www.mail-archive.com	
Re: [PATCH -next] exec: Fix mem leak in kernel_read_file		www.mail-archive.com	
Re: [PATCH -next] exec: Fix mem leak in kernel_read_file	MISC	www.mail-archive.com	Exploit, Mailing List, Th
[PATCH -next] exec: Fix mem leak in kernel_read_file	MISC	www.mail-archive.com	Exploit, Mailing List, Th
USN-3930-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advisory
Linux Kernel CVE-2019-8980 Denial of Service Vulnerability	BID	www.securityfocus.com	Third Party Advisory, V
USN-3930-2: Linux kernel (HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advisory
[SECURITY] [DLA 1771-1] linux-4.9 security update	MLIST	lists.debian.org	Mailing List, Third Party
USN-3931-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advisory
USN-3931-2: Linux kernel (HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Advisory
support.f5.com/csp/article/K56480726	CONFIRM	support.f5.com	Third Party Advisory
[security-announce] openSUSE-SU-2019:1193-1: important: Security update	SUSE	lists.opensuse.org	Mailing List, Third Party
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[377042](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2019:0014)

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