



CVE-2019-15031

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Summary

CVE	CVE-2019-15031
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-09-13 13:15:00 UTC
Updated	2021-07-21 11:39:00 UTC
Description	In the Linux kernel through 5.2.14 on the powerpc platform, a local user can read vector registers of other users' processes

Risk And Classification

Problem Types: CWE-662

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.04	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	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	12.04	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	19.04	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference	Source	Link
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	git.kernel.
USN-4135-2: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu
USN-4135-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu
September 2019 Linux Kernel Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.n
[security-announce] openSUSE-SU-2019:2181-1: important: Security update	SUSE	lists.open
[security-announce] openSUSE-SU-2019:2173-1: important: Security update	SUSE	lists.open
oss-security - CVE-2019-15031: Linux kernel: powerpc: data leak with FP/VMX triggerable by interrupt in transaction	MISC	www.open
CVE Program record	CVE.ORG	www.cve.
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.