CVE-2018-12896

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Summary

CVE	CVE-2018-12896
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-07-02 17:29:00 UTC
Updated	2019-04-03 12:04:00 UTC
Description	An issue was discovered in the Linux kernel through 4.17.3. An Integer Overflow in kernel/time/posix-timers.c in the POSIX

Risk And Classification

Problem Types: CWE-190

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	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	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

References

Reference	Source	Link	Tags
USN-3848-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Adv
USN-3847-3: Linux kernel (Azure) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Adv
USN-3848-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Adv

[SECURITY] [DLA 1715-1] linux-4.9 security update	MLIST	lists.debian.org	Mailing List, Thi
[SECURITY] [DLA 1731-2] linux regression update	MLIST	lists.debian.org	Mailing List, Thi
[SECURITY] [DLA 1731-1] linux security update	MLIST	lists.debian.org	Mailing List, Thi
posix-timers: Sanitize overrun handling · torvalds/linux@78c9c4d · GitHub	MISC	github.com	Patch, Third Pa
USN-3847-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Adv
USN-3849-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com	Third Party Adv
USN-3847-2: Linux kernel (HWE) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Adv
bug_repro/bug_200189 at master · lcytxw/bug_repro · GitHub	MISC	github.com	Exploit, Third Pa
200189 – UBSAN: Undefined behaviour in kernel/time/posix-timers.c:705	MISC	bugzilla.kernel.org	Issue Tracking,
USN-3849-1: Linux kernel vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Adv
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analy

No vendor comments have been submitted for this CVE.

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