CVE-2017-17806

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Summary

CVE	CVE-2017-17806
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-12-20 23:29:00 UTC
Updated	2023-01-19 16:26:00 UTC
Description	The HMAC implementation (crypto/hmac.c) in the Linux kernel before 4.14.8 does not validate that the underlying cryptogra

Risk And Classification

Problem Types: CWE-787

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	17.10	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	9.0	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Opensuse	Leap	42.2	All	All	All
Operating System	Opensuse	Leap	42.2	All	All	All
Operating System	Opensuse Project	Leap	42.3	All	All	All
Operating System	Opensuse Project	Leap	42.3	All	All	All
Operating System	Suse	Linux Enterprise Desktop	12	sp2	All	All
Operating System	Suse	Linux Enterprise Desktop	12	sp3	All	All
Operating System	Suse	Linux Enterprise Desktop	12	sp2	All	All
Operating System	Suse	Linux Enterprise Desktop	12	sp3	All	All

Operating System	Suse	Linux Enterprise Server	11	extra	All	All
Operating System	Suse	Linux Enterprise Server	11	sp4	All	All
Operating System	Suse	Linux Enterprise Server	12	sp2	All	All
Operating System	Suse	Linux Enterprise Server	12	sp3	All	All
Operating System	Suse	Linux Enterprise Server	11	extra	All	All
Operating System	Suse	Linux Enterprise Server	11	sp4	All	All
Operating System	Suse	Linux Enterprise Server	12	sp2	All	All
Operating System	Suse	Linux Enterprise Server	12	sp3	All	All
Operating System	Suse	Linux Enterprise Server For Raspberry Pi	12	sp2	All	All
Operating System	Suse	Linux Enterprise Server For Raspberry Pi	12	sp2	All	All

References

Reference	Source	Link
[security-announce] SUSE-SU-2018:0012-1: important: Security update for	SUSE	lists.opensuse.org
Debian -- Security Information -- DSA-4082-1 linux	DEBIAN	www.debian.org
Linux Kernel CVE-2017-17806 Stack Based Buffer Overflow Vulnerability	BID	www.securityfocus.com
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.14.8	CONFIRM	www.kernel.org
USN-3619-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
[SECURITY] [DLA 1232-1] linux security update	MLIST	lists.debian.org
USN-3617-2: Linux (HWE) vulnerabilities | Ubuntu security notices | Ubuntu	UBUNTU	usn.ubuntu.com
[security-announce] SUSE-SU-2018:0010-1: important: Security update for	SUSE	lists.opensuse.org
USN-3619-2: Linux kernel (Xenial HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
USN-3617-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
Debian -- Security Information -- DSA-4073-1 linux	DEBIAN	www.debian.org
USN-3583-2: Linux kernel (Trusty HWE) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
USN-3583-1: Linux kernel vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
[security-announce] SUSE-SU-2018:0011-1: important: Security update for	SUSE	lists.opensuse.org
USN-3617-3: Linux kernel (Raspberry Pi 2) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
[security-announce] openSUSE-SU-2018:0022-1: important: Security update	SUSE	lists.opensuse.org
crypto: hmac - require that the underlying hash algorithm is unkeyed · torvalds/linux@af3ff80 · GitHub	CONFIRM	github.com
USN-3632-1: Linux kernel (Azure) vulnerabilities | Ubuntu security notices	UBUNTU	usn.ubuntu.com
[security-announce] openSUSE-SU-2018:0023-1: important: Security update	SUSE	lists.opensuse.org
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org
Red Hat Customer Portal	REDHAT	access.redhat.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.

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