



CVE-2017-17805

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2017-17805
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 15:45:00 UTC
Description	The Salsa20 encryption algorithm in the Linux kernel before 4.14.8 does not correctly handle zero-length inputs, allowing a

Risk And Classification

Problem Types: CWE-20

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	Tags
[security-announce] SUSE-SU-2018:0012-1: important: Security update for	SUSE	lists.opensuse.org	Third Party Advis
Debian -- Security Information -- DSA-4082-1 linux	DEBIAN	www.debian.org	
www.kernel.org/pub/linux/kernel/v4.x/ChangeLog-4.14.8	CONFIRM	www.kernel.org	Issue Tracking, F
Linux kernel Multiple CVE-2017-17805 Local Denial of Service Vulnerabilities	BID	www.securityfocus.com	Third Party Advis
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	Third Party Advis
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	
Red Hat Customer Portal	REDHAT	access.redhat.com	
Red Hat Customer Portal	REDHAT	access.redhat.com	
USN-3620-2: Linux kernel (Trusty HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	
Debian -- Security Information -- DSA-4073-1 linux	DEBIAN	www.debian.org	Third Party Advis
[security-announce] SUSE-SU-2018:0011-1: important: Security update for	SUSE	lists.opensuse.org	Third Party Advis
USN-3617-3: Linux kernel (Raspberry Pi 2) vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	
USN-3620-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com	
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.kernel.org	Patch
crypto: salsa20 - fix blkcipher_walk API usage · torvalds/linux@ecaaab5 · GitHub	CONFIRM	github.com	Patch
[security-announce] openSUSE-SU-2018:0022-1: important: Security update	SUSE	lists.opensuse.org	Third Party Advis
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	Third Party Advis
Red Hat Customer Portal	REDHAT	access.redhat.com	

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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.

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

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