



CVE-2018-7566

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

Summary

CVE	CVE-2018-7566
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-03-30 21:29:00 UTC
Updated	2020-08-24 17:37:00 UTC
Description	The Linux kernel 4.15 has a Buffer Overflow via an SNDRV_SEQ_IOCTL_SET_CLIENT_POOL ioctl write operation to /dev

Risk And Classification

Problem Types: CWE-119 | CWE-362

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	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	Debian	Debian Linux	7.0	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	7.0	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	Linux	Linux Kernel	4.15	All	All	All
Operating System	Linux	Linux Kernel	4.15	All	All	All
Application	Oracle	Communications Eagle Application Processor	16.1.0	All	All	All
Application	Oracle	Communications Eagle Application Processor	16.2.0	All	All	All
Application	Oracle	Communications Eagle Application Processor	16.1.0	All	All	All

Application	Oracle	Communications Eagle Application Processor	16.2.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	6.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Application	Suse	Linux Enterprise Module For Public Cloud	12	All	All	All
Application	Suse	Linux Enterprise Module For Public Cloud	12	All	All	All
Operating System	Suse	Linux Enterprise Server	12	All	All	All
Operating System	Suse	Linux Enterprise Server	12	All	All	All

References

Reference	Source	Link
Debian -- Security Information -- DSA-4188-1 linux	DEBIAN	www.
USN-3631-2: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.u
kernel/git/torvalds/linux.git - Linux kernel source tree	CONFIRM	git.ke
Red Hat Customer Portal	REDHAT	acce
[security-announce] SUSE-SU-2018:0834-1: important: Security update for	SUSE	lists.c
USN-3631-1: Linux kernel vulnerabilities Ubuntu security notices	UBUNTU	usn.u
Oracle Critical Patch Update Advisory - July 2020	MISC	www.
USN-3700-1: Linux kernel (Xenial HWE) vulnerabilities Ubuntu security notices	UBUNTU	

USN-3/98-1: Linux kernel vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.u
Red Hat Customer Portal	REDHAT	acce
USN-3798-2: Linux kernel (Trusty HWE) vulnerabilities Ubuntu security notices	UBUNTU	usn.u
DCIM Support	CONFIRM	help.c
[alsa-devel] [PATCH] ALSA: seq: Fix racy pool initializations	MLIST	mailn
Debian -- Security Information -- DSA-4187-1 linux	DEBIAN	www.
[SECURITY] [DLA 1369-1] linux security update	MLIST	lists.c
Red Hat Customer Portal	REDHAT	acce
Red Hat Customer Portal	REDHAT	acce
Red Hat Customer Portal	REDHAT	acce
1550142 – (CVE-2018-7566) CVE-2018-7566 kernel: race condition in snd_seq_write() may lead to UAF or OOB-access	CONFIRM	bugzi
Red Hat Customer Portal	REDHAT	acce
Linux Kernel 'snd_seq_write()' Function Local Buffer Overflow Vulnerability	BID	www.
Oracle Critical Patch Update Advisory - April 2019	MISC	www.
CVE Program record	CVE.ORG	www.
NVD vulnerability detail	NVD	nvd.n



No vendor comments have been submitted for this CVE.

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

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