

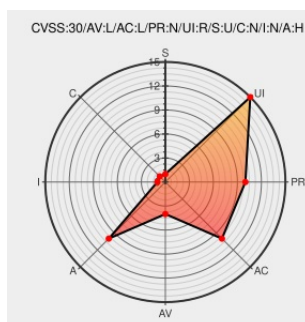


CVE-2018-19840

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CVE-2018-19840

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Ubuntu Linux](#) from [Canonical](#) contain the following vulnerability:

The function WavpackPackInit in pack_utils.c in libwavpack.a in WavPack through 5.1.0 allows attackers to cause a denial-of-service (resource exhaustion caused by an infinite loop) via a crafted wav audio file because WavpackSetConfiguration64 mishandles a sample rate of zero.

CVE-2018-19840 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **4.3 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
[SECURITY] Fedora 28 Update: wavpack-5.1.0-12.fc28 - package-announce - Fedora Mailing	Third Party Advisory lists.fedoraproject.org text/html	FEDORA FEDORA-2019-235c682f35

announce - Fedora mailing-
Lists

Infinite loop when
block_samples==0 using
wavpack · Issue #53 ·
dbry/WavPack · GitHub

Third Party Advisory
github.com
text/html

 MISC github.com/dbry/WavPack/issues/53

USN-3839-1: WavPack
vulnerabilities | Ubuntu
security notices

Third Party Advisory
usn.ubuntu.com
text/html

 UBUNTU USN-3839-1

issue #53: error out on zero
sample rate ·
dbry/WavPack@070ef6f ·
GitHub

Patch
Third Party Advisory
github.com
text/html

 MISC
github.com/dbry/WavPack/commit/070ef6f138956d9ea9612e69586152339dbefe51

Slackware Security Advisory
- wavpack Updates ≈
Packet Storm

packetstormsecurity.com
text/html

 MISC packetstormsecurity.com/files/155743/Slackware-Security-Advisory-wavpack-Updates.html

[SECURITY] Fedora 30
Update: wavpack-5.1.0-
12.fc30 - package-
announce - Fedora Mailing-
Lists

Third Party Advisory
lists.fedoraproject.org
text/html

 FEDORA FEDORA-2019-1315f2dc3a

WavPack: Multiple
vulnerabilities (GLSA
202007-19) — Gentoo
security

security.gentoo.org
text/html

 GENTOO GLSA-202007-19

[SECURITY] Fedora 31
Update: mingw-wavpack-
5.1.0-9.fc31 - package-
announce - Fedora Mailing-
Lists

lists.fedoraproject.org
text/html

 FEDORA FEDORA-2020-e55567b6be

Bugtraq: [slackware-
security] wavpack
(SSA:2019-353-01)

seclists.org
text/html

 BUGTRAQ 20191219 [slackware-security] wavpack (SSA:2019-353-01)

[security-announce]
openSUSE-SU-2019:1145-
1: moderate: Security
update f

Third Party Advisory
lists.opensuse.org
text/html

 SUSE openSUSE-SU-2019:1145

[SECURITY] Fedora 30
Update: mingw-wavpack-
5.1.0-9.fc30 - package-
announce - Fedora Mailing-
Lists

lists.fedoraproject.org
text/html

 FEDORA FEDORA-2020-73274c9df4

[SECURITY] [DLA 2525-1]
wavpack security update

lists.debian.org
text/html

 MLIST [debian-lts-announce] 20210115 [SECURITY] [DLA 2525-1] wavpack security update

[SECURITY] Fedora 29
Update: wavpack-5.1.0-
12.fc29 - package-
announce - Fedora Mailing-
Lists

Third Party Advisory
lists.fedoraproject.org
text/html

 FEDORA FEDORA-2019-88f264563f

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Related QID Numbers
377577 Alibaba Cloud Linux Security Update for wavpack (ALINUX3-SA-2022:0061)
501275 Alpine Linux Security Update for wavpack
750394 OpenSUSE Security Update for wavpack (openSUSE-SU-2021:0154-1)
750395 OpenSUSE Security Update for wavpack (openSUSE-SU-2021:0153-1)
940370 AlmaLinux Security Update for wavpack (ALSA-2020:1581)
960220 Rocky Linux Security Update for wavpack (RLSA-2020:1581)

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
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	18.10	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	18.10	All	All	All
Operating System	Fedoraproject	Fedora	28	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	28	All	All	All
Operating System	Fedoraproject	Fedora	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All
Operating System	Opensuse	Leap	15.0	All	All	All

Application	Wavpack	Wavpack	All	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:lts:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:18.10:*:*:*:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:lts:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:18.10:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:28:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:29:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:30:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:28:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:29:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:30:*:*:*:*:*:						
cpe:2.3:o:opensuse:leap:15.0:*:*:*:*:*:						
cpe:2.3:o:opensuse:leap:15.0:*:*:*:*:*:						
cpe:2.3:a:wavpack:wavpack:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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