# CVE-2018-19841

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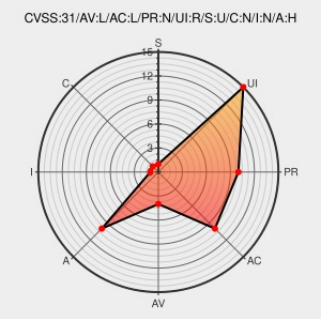
## CVE-2018-19841

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF




Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

The function WavpackVerifySingleBlock in open_utils.c in libwavpack.a in WavPack through 5.1.0 allows attackers to cause a denial-of-service (out-of-bounds read and application crash) via a crafted WavPack Lossless Audio file, as demonstrated by wvunpack.

CVE-2018-19841 has been assigned by 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 |
|---|---|---|
| issue #54: fix potential out-of-bounds heap read · dbry/WavPack@bba5389 · GitHub | Patch<br>Third Party Advisory<br>github.com<br>text/html | MISC<br>github.com/dbry/WavPack/commit/bba5389dc598a92bdf2b297c3ea34620b6679b5b |

| | | |
|---|---|---|
| [SECURITY] Fedora 28 Update: wavpack-5.1.0-12.fc28 - package-announce - Fedora Mailing-Lists | lists.fedoraproject.org<br>text/html | FEDORA FEDORA-2019-235c682f35 |
| [SECURITY] Fedora 30 Update: wavpack-5.1.0-12.fc30 - package-announce - Fedora Mailing-Lists | Third Party Advisory<br>lists.fedoraproject.org<br>text/html | FEDORA FEDORA-2019-1315f2dc3a |
| USN-3839-1: WavPack vulnerabilities \| Ubuntu security notices | Third Party Advisory<br>usn.ubuntu.com<br>text/html | UBUNTU USN-3839-1 |
| AddressSanitizer: heap-buffer-overflow (Read OOB) at src/open_utils.c:1215 · Issue #54 · dbry/WavPack · GitHub | Exploit<br>Third Party Advisory<br>github.com<br>text/html | MISC github.com/dbry/WavPack/issues/54 |
| [SECURITY] Fedora 31 Update: mingw-wavpack-5.1.0-9.fc31 - package-announce - Fedora Mailing-Lists | lists.fedoraproject.org<br>text/html | FEDORA FEDORA-2020-e55567b6be |
| [SECURITY] Fedora 29 Update: wavpack-5.1.0-12.fc29 - package-announce - Fedora Mailing-Lists | Third Party Advisory<br>lists.fedoraproject.org<br>text/html | FEDORA FEDORA-2019-88f264563f |
| Slackware Security Advisory - wavpack Updates ≈ Packet Storm | packetstormsecurity.com<br>text/html | MISC packetstormsecurity.com/files/155743/Slackware-Security-Advisory-wavpack-Updates.html |
| WavPack: Multiple vulnerabilities (GLSA 202007-19) — Gentoo security | security.gentoo.org<br>text/html | GENTOO GLSA-202007-19 |
| Bugtraq: [slackware-security] wavpack (SSA:2019-353-01) | seclists.org<br>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<br>lists.opensuse.org<br>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<br>text/html | FEDORA FEDORA-2020-73274c9df4 |
| [SECURITY] [DLA 2525-1] wavpack security update | lists.debian.org<br>text/html | MLIST [debian-lts-announce] 20210115 [SECURITY] [DLA 2525-1] wavpack security update |

## 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 | Debian | Debian Linux | 9.0 | 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 | 31 | 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:*:*:*:

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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

← Previous ID

Next ID→

**CVE.report and Source URL Uptime Status status.cve.report**