

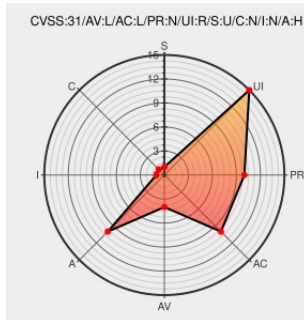


CVE-2019-1010319

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CVE-2019-1010319

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

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

WavPack 5.1.0 and earlier is affected by: CWE-457: Use of Uninitialized Variable. The impact is: Unexpected control flow, crashes, and segfaults. The component is: ParseWave64HeaderConfig (wave64.c:211). The attack vector is: Maliciously crafted .wav file. The fixed version is: After commit

<https://github.com/dbry/WavPack/commit/33a0025d1d63ccd05d9dbaa6923d52b1446a62fe>.

CVE-2019-1010319 has been assigned by [GSD](#) cve-assign@distributedweaknessfiling.org to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [GSD](#) **WavPack** - **WavPack** version <=5.1.0 [fixed: After commit
<https://github.com/dbry/WavPack/commit/33a0025d1d63ccd05d9dbaa6923d52b1446a62fe>]

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 29 Update: wavpack-5.1.0-16.fc29 - package-announce - Fedora Mailing-Lists	Mailing List Third Party Advisory lists.fedoraproject.org text/html	 FEDORA FEDORA-2019-8eeb8f9d3f
USN-4062-1: WavPack vulnerabilities Ubuntu security notices Ubuntu	Third Party Advisory usn.ubuntu.com text/html	 UBUNTU USN-4062-1
[SECURITY] Fedora 30 Update: wavpack-5.1.0-16.fc30 - package-announce - Fedora Mailing-Lists	Mailing List Third Party Advisory lists.fedoraproject.org text/html	 FEDORA FEDORA-2019-c72f5f6361
[SECURITY] Fedora 31 Update: mingw-wavpack-5.1.0-9.fc31 - package-announce - Fedora Mailing-Lists	Mailing List Third Party Advisory lists.fedoraproject.org text/html	 FEDORA FEDORA-2020-e55567b6be
[SECURITY] Fedora 30 Update: mingw-wavpack-5.1.0-9.fc30 - package-announce - Fedora Mailing-Lists	Mailing List Third Party Advisory lists.fedoraproject.org text/html	 FEDORA FEDORA-2020-73274c9df4
[SECURITY] [DLA 2525-1] wavpack security update	Mailing List Third Party Advisory lists.debian.org text/html	 MLIST [debian-lts-announce] 20210115 [SECURITY] [DLA 2525-1] wavpack security update
issue #68: clear WaveHeader at start to prevent uninitialized read · dbry/WavPack@33a0025 · GitHub	Patch Third Party Advisory github.com text/html	 MISC github.com/dbry/WavPack/commit/33a0025d1d63ccd05d9dbaa6923d52b1446a62fe
Uninitialized Read (and Divide by Zero) in ParseWave64HeaderConfig() · Issue #68 · dbry/WavPack · GitHub	Exploit Issue Tracking Third Party Advisory github.com text/html	 MISC github.com/dbry/WavPack/issues/68
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.		

Related QID Numbers

[377577](#) Alibaba Cloud Linux Security Update for wavpack (ALINUX3-SA-2022:0061)

[501276](#) 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	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	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	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	29	All	All	All
Operating System	Fedoraproject	Fedora	30	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Application	Wavpack	Wavpack	All	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:18.04:***:lts:***:						
cpe:2.3:o:canonical:ubuntu_linux:19.04:****:***:						
cpe:2.3:o:canonical:ubuntu_linux:18.04:***:lts:***:						
cpe:2.3:o:canonical:ubuntu_linux:19.04:****:***:						
cpe:2.3:o:debian:debian_linux:9.0:****:***:						
cpe:2.3:o:debian:debian_linux:9.0:****:***:						
cpe:2.3:o:fedoraproject:fedora:29:****:***:						
cpe:2.3:o:fedoraproject:fedora:30:****:***:						
cpe:2.3:o:fedoraproject:fedora:31:****:***:						
cpe:2.3:o:fedoraproject:fedora:29:****:***:						
cpe:2.3:o:fedoraproject:fedora:30:****:***:						

cpe:2.3:o:fedoraproject:fedora:31:*****:

cpe:2.3:a:wavpack:wavpack:*****:

No vendor comments have been submitted for this CVE

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