

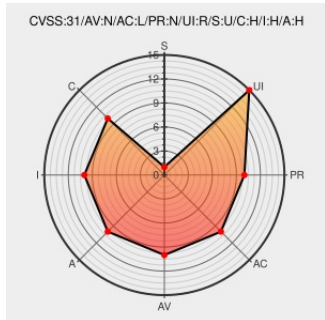


CVE-2018-10528

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CVE-2018-10528

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

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

An issue was discovered in LibRaw 0.18.9. There is a stack-based buffer overflow in the utf2char function in libraw_cxx.cpp.

CVE-2018-10528 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
X3F parser possible buffer overrun · LibRaw/LibRaw@efd8cfa · GitHub	Patch Vendor Advisory github.com text/html	MISC github.com/LibRaw/LibRaw/commit/efd8cfabb93fd0396266a7607069901657c082e3

out of bound read in
libraw_cxx.cpp:6158(parse_x3f)
· Issue #144 · LibRaw/LibRaw ·
GitHub

Third Party Advisory
github.com
text/html

MISC github.com/LibRaw/LibRaw/issues/144

USN-3639-1: LibRaw
vulnerabilities | Ubuntu security
notices

Third Party Advisory
usn.ubuntu.com
text/html

UBUNTU USN-3639-1

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	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	Canonical	Ubuntu Linux	18.04	All	All	All
Application	Libraw	Libraw	0.18.9	All	All	All
Application	Libraw	Libraw	0.18.9	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:17.10:*:*:*:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:16.04:*:*:*:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:17.10:*:*:*:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:*:*:						
cpe:2.3:a:libraw:libraw:0.18.9:*:*:*:*:*:						
cpe:2.3:a:libraw:libraw:0.18.9:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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