CVE-2018-10528

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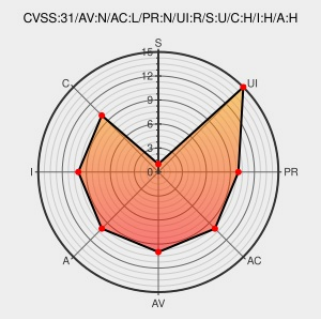

Certain versions of Ubuntu Linux from Canonical contain the following vulnerability:

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 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

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:*:*:*:lts:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:17.10:*:*:*:*:*:*:*:

cpe:2.3:o:canonical:ubuntu_linux:18.04:*:*:*:lts:*:*:*:

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cpe:2.3:o:canonical:ubuntu_linux:17.10:*:*:*:*:*:*:*:

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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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