

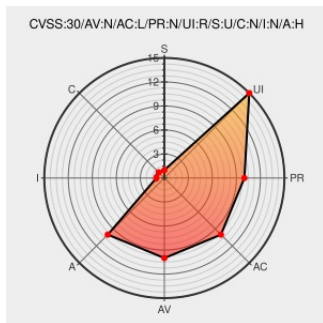


CVE-2017-17725

Published on: 02/12/2018 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:26 PM UTC

CVE-2017-17725

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

Certain versions of [Exiv2](#) from [Exiv2](#) contain the following vulnerability:

In Exiv2 0.26, there is an integer overflow leading to a heap-based buffer over-read in the Exiv2::getULong function in types.cpp. Remote attackers can exploit the vulnerability to cause a denial of service via a crafted image file. Note that this vulnerability is different from CVE-2017-14864, which is an invalid memory address dereference.

CVE-2017-17725 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	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
1525055 – exiv2 library: heap-buffer-overflow in Exiv2::getULong (types.cpp)	Exploit Issue Tracking Third Party Advisory bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=1525055

CVE-2017-17725: exiv2 library: heap-buffer-overflow in Exiv2::getULong (types.cpp) · Issue #188 · Exiv2/exiv2 · GitHub

Exploit
Issue Tracking
github.com
text/html

MISC
github.com/Exiv2/exiv2/issues/188

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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
Application	Exiv2	Exiv2	0.26	All	All	All
Application	Exiv2	Exiv2	0.26	All	All	All
cpe:2.3:a:exiv2:exiv2:0.26:*****:						
cpe:2.3:a:exiv2:exiv2:0.26:*****:						

No vendor comments have been submitted for this CVE

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