



CVE-2017-12431

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

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

In ImageMagick 7.0.6-1, a use-after-free vulnerability was found in the function ReadWMFImage in coders/wmf.c, which allows attackers to cause a denial of service.

CVE-2017-12431 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
Debian -- Security Information -- DSA-4040-1 imagemagick	www.debian.org Deprecated Link text/html	DEBIAN DSA-4040
Debian -- Security Information -- DSA-4019-1 imagemagick	www.debian.org	DEBIAN DSA-4019

USN-3681-1: ImageMagick vulnerabilities | Ubuntu security notices

usn.ubuntu.com

text/html

UBUNTU USN-3681-1

use after free in ReadWMFImage · Issue #555 · ImageMagick/ImageMagick · GitHub

Issue Tracking

Patch

Third Party Advisory

github.com

text/html

CONFIRM

github.com/ImageMagick/ImageMagick/issues/555

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.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Imagemagick	Imagemagick	7.0.6-1	All	All	All
Application	Imagemagick	Imagemagick	7.0.6-1	All	All	All

cpe:2.3:a:imagemagick:imagemagick:7.0.6-1:*:*:*:*:*:

cpe:2.3:a:imagemagick:imagemagick:7.0.6-1:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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