



CVE-2017-12671

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

CVSS:30/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H



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

In ImageMagick 7.0.6-3, a missing NULL assignment was found in coders/png.c, leading to an invalid free in the function RelinquishMagickMemory in MagickCore/memory.c, which allows attackers to cause a denial of service.

CVE-2017-12671 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-4019-1 imagemagick	www.debian.org Deprecated Link text/html	DEBIAN DSA-4019
bad free in RelinquishMagickMemory · Issue #621 ·	Issue Tracking	CONFIRM

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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	Imagemagick	Imagemagick	7.0.6-3	All	All	All
Application	Imagemagick	Imagemagick	7.0.6-3	All	All	All
cpe:2.3:a:imagemagick:imagemagick:7.0.6-3:*:*:*:*:*:						
cpe:2.3:a:imagemagick:imagemagick:7.0.6-3:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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