

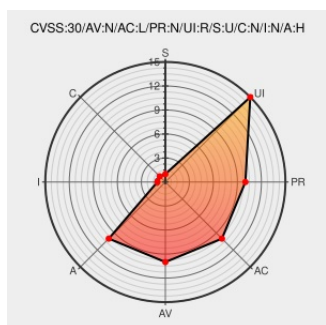


CVE-2017-17881

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CVE-2017-17881

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

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

In ImageMagick 7.0.7-12 Q16, a memory leak vulnerability was found in the function ReadMATImage in coders/mat.c, which allows attackers to cause a denial of service via a crafted MAT image file.

CVE-2017-17881 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
USN-3681-1: ImageMagick vulnerabilities Ubuntu security notices	Third Party Advisory usn.ubuntu.com text/html	UBUNTU USN-3681-1
memory leaks in ReadMATImage · Issue #878 ·	Issue Tracking	CONFIRM

There are currently no QIDs associated with this CVE

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	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
Operating System	Canonical	Ubuntu Linux	14.04	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	Imagemagick	Imagemagick	7.0.7-12	All	All	All
Application	Imagemagick	Imagemagick	7.0.7-12	All	All	All
cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:						
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:*:*:						
cpe:2.3:o:canonical:ubuntu_linux:14.04:*:*:*:lts:*:*:						
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:*:*:						
cpe:2.3:a:imagemagick:image Magick:7.0.7-12:*:*:*:*:*:						

cpe:2.3:a:imagemagick:imagemagick:7.0.7-12:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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