



CVE-2016-7516

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2016-7516
State	PUBLISHED
Assigner	debian
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-04-20 18:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	The ReadVIFFImage function in coders/viff.c in ImageMagick allows remote attackers to cause a denial of service (out-of-b

Risk And Classification

Primary CVSS: v3.1 6.5 MEDIUM from nvd@nist.gov

CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

Problem Types: CWE-125 | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	6.5	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H
2.0	nvd@nist.gov	Primary	4.3		AV:N/AC:M/Au:N/C:N/I:N/A:P

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:M/Au:N/C:N/I:N/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Imagemagick	Imagemagick	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
Bug #1533452 "out-of-bounds read in coders/viff.c:445 ReadVIFFIm..." : Bugs : imagemagick package : Ubuntu	af854a3a-2127-422b-91ae-
1378743 – (CVE-2016-7516) CVE-2016-7516 ImageMagick: out of bounds read problem in coders/viff.c	af854a3a-2127-422b-91ae-
oss-security - Re: CVE Requests: Various ImageMagick issues (as reported in the Debian BTS)	af854a3a-2127-422b-91ae-
out-of-bounds read in coders/viff.c:445 ReadVIFFImage · Issue #77 · ImageMagick/ImageMagick · GitHub	af854a3a-2127-422b-91ae-
ImageMagick 'viff.c' Heap Buffer Overflow Vulnerability	af854a3a-2127-422b-91ae-
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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