



CVE-2016-8677

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

Summary

CVE	CVE-2016-8677
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-02-15 21:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	The AcquireQuantumPixels function in MagickCore/quantum.c in ImageMagick before 7.0.3-1 allows remote attackers to ha

Risk And Classification

Primary CVSS: v3.1 8.8 HIGH from nvd@nist.gov

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

Problem Types: NVD-CWE-noinfo | n/a

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	8.8	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	6.8		AV:N/AC:M/Au:N/C:P/I:P/A:P

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:M/Au:N/C:P/I:P/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
ImageMagick 'coders/tiff.c' Memory Corruption Vulnerability	af854a3a-2127-422b-91
1385698 – (CVE-2016-8677) CVE-2016-8677 ImageMagick: Memory allocation failure in AcquireQuantumPixels	af854a3a-2127-422b-91
Debian -- Security Information -- DSA-3726-1 imagemagick	af854a3a-2127-422b-91
imagemagick: memory allocate failure in AcquireQuantumPixels (quantum.c) agostino's blog	af854a3a-2127-422b-91
openSUSE-SU-2016:2671-1: moderate: Security update for ImageMagick	af854a3a-2127-422b-91
memory allocation failure in AcquireQuantumPixels (quantum.c) · Issue #268 · ImageMagick/ImageMagick · GitHub	af854a3a-2127-422b-91
https://github.com/ImageMagick/ImageMagick/issues/268 · ImageMagick/ImageMagick@6e48aa9 · GitHub	af854a3a-2127-422b-91
oss-security - Re: imagemagick: memory allocate failure in AcquireQuantumPixels (quantum.c)	af854a3a-2127-422b-91
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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