CVE-2016-8707

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

Summary

CVE	CVE-2016-8707
State	PUBLISHED
Assigner	talos
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-12-23 22:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	An exploitable out of bounds write exists in the handling of compressed TIFF images in ImageMagicks's convert utility. A cr

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from nvd@nist.gov

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

EPSS: 0.021370000 probability, percentile 0.843240000 (date 2026-05-10)

Problem Types: CWE-787 | out-of-bounds write

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
3.0	talos-cna@cisco.com	Secondary	7.5	HIGH	CVSS:3.0/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H
3.0	CNA	DECLARED	7.5	HIGH	CVSS:3.0/AV:N/AC:H/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

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

ntegrity

High

vailability

High

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

CVSS v3.0 Breakdown

ttack Vector

Network

ttack Complexity

High

rivileges Required

None

ser Interaction

Required

cope

Unchanged

onfidentiality

High

ntegrity

High

vailability

High

CVSS:3.0/AV:N/AC:H/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

ccess Vector

Network

ccess Complexity

Medium

uthentication

None

onfidentiality

Partial

ntegrity

Partial

vailability

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
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Imagemagick	Imagemagick	7.0.3-1	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	ImageMagick 7.0.3-1	affected ImageMagick 7.0.3-1	Not specified

References

Reference	Source	Link
Cisco Talos - Talos 2016 0216	af854a3a-2127-422b-91ae-364da2661108	www.talosintelligence.com
Debian -- Security Information -- DSA-3799-1 imagemagick	af854a3a-2127-422b-91ae-364da2661108	www.debian.org
ImageMagick 'coders/tiff.c' Remote Buffer Overflow Vulnerability	af854a3a-2127-422b-91ae-364da2661108	www.securityfocus.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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