



CVE-2016-5687

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

Summary

CVE	CVE-2016-5687
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-12-13 15:59:00 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The VerticalFilter function in the DDS coder in ImageMagick before 6.9.4-3 and 7.x before 7.0.1-4 allows remote attackers to

Risk And Classification

Primary CVSS: v3.0 9.8 CRITICAL from nvd@nist.gov

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

EPSS: 0.007480000 probability, percentile 0.732180000 (date 2026-05-08)

Problem Types: CWE-125 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	7.5		AV:N/AC:L/Au:N/C:P/I:P/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

High

Availability

High

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

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:L/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	7.0.1-0	All	All	All
Application	Imagemagick	Imagemagick	7.0.1-1	All	All	All
Application	Imagemagick	Imagemagick	7.0.1-2	All	All	All
Application	Imagemagick	Imagemagick	7.0.1-3	All	All	All
Application	Imagemagick	Imagemagick	All	All	All	All
Operating System	Oracle	Solaris	11.3	All	All	All

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

References		
Reference	Source	L
oss-security - Re: Various invalid memory reads in ImageMagick (WPG, DDS, DCM)	af854a3a-2127-422b-91ae-364da2661108	W
Oracle Solaris Bulletin - July 2016	af854a3a-2127-422b-91ae-364da2661108	W
oss-security - Various invalid memory reads in ImageMagick (WPG, DDS, DCM)	af854a3a-2127-422b-91ae-364da2661108	W
ImageMagick Multiple Security Vulnerabilities	af854a3a-2127-422b-91ae-364da2661108	W

imagemagick-multiple-security-vulnerabilities	af854a3a-2127-422b-91ae-364da2661108	bl
Various invalid memory accesses in ImageMagick (WPG, DDS, DCM) The Fuzzing Project	af854a3a-2127-422b-91ae-364da2661108	bl
Various invalid memory accesses in ImageMagick (WPG, DDS, DCM) The Fuzzing Project	MITRE	bl
CVE Program record	CVE.ORG	w
NVD vulnerability detail	NVD	n

No vendor comments have been submitted for this CVE.

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