



CVE-2016-5690

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

Summary

CVE	CVE-2016-5690
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-12-13 15:59:03 UTC
Updated	2026-05-06 22:30:45 UTC
Description	The ReadDCMImage function in DCM reader in ImageMagick before 6.9.4-5 and 7.x before 7.0.1-7 allows remote attackers

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: 0.015410000 probability, percentile 0.815000000 (date 2026-05-10)

Problem Types: CWE-476 | 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	7.0.1-4	All	All	All
Application	Imagemagick	Imagemagick	7.0.1-5	All	All	All
Application	Imagemagick	Imagemagick	7.0.1-6	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
Add additional checks to DCM reader to prevent data-driven faults (bu... · ImageMagick/ImageMagick@5511ef5 · GitHub	af854a3a-2127-4...

ImageMagick/ChangeLog at 7.0.1-7 · ImageMagick/ImageMagick · GitHub	af854a3a-2127-4...
oss-security - Re: Various invalid memory reads in ImageMagick (WPG, DDS, DCM)	af854a3a-2127-4...
Oracle Solaris Bulletin - July 2016	af854a3a-2127-4...
oss-security - Various invalid memory reads in ImageMagick (WPG, DDS, DCM)	af854a3a-2127-4...
ImageMagick/ChangeLog at 6.9.4-5 · ImageMagick/ImageMagick · GitHub	af854a3a-2127-4...
ImageMagick Multiple Security Vulnerabilities	af854a3a-2127-4...
Various invalid memory accesses in ImageMagick (WPG, DDS, DCM) The Fuzzing Project	af854a3a-2127-4...
Various invalid memory accesses in ImageMagick (WPG, DDS, DCM) The Fuzzing Project	MITRE
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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