



CVE-2016-7540

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary	
CVE	CVE-2016-7540
State	PUBLISHED
Assigner	debian
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-04-20 18:59:01 UTC
Updated	2025-04-20 01:37:25 UTC
Description	coders/rgf.c in ImageMagick before 6.9.4-10 allows remote attackers to cause a denial of service (assertion failure) by conv

Risk And Classification

Primary CVSS: v3.0 6.5 MEDIUM from nvd@nist.gov

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

Problem Types: CWE-19 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	6.5	MEDIUM	CVSS:3.0/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 v3.0 Breakdown	
Attack Vector	Network
Attack Complexity	Low
Privileges Required	None
User Interaction	Required
Scope	Unchanged
Confidentiality	None
Integrity	None
Availability	

High

CVSS:3.0/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
Fix abort when writing to rgf format by dlech · Pull Request #223 · ImageMagick/ImageMagick · GitHub	af854a3a-2127-422b-91ae-364da26
oss-security - Re: CVE Requests: Various ImageMagick issues (as reported in the Debian BTS)	af854a3a-2127-422b-91ae-364da26
Fix abort when writing to rgf format · ImageMagick/ImageMagick@a0108a8 · GitHub	af854a3a-2127-422b-91ae-364da26
ImageMagick CVE-2016-7540 Denial of Service Vulnerability	af854a3a-2127-422b-91ae-364da26
1378777 – (CVE-2016-7540) CVE-2016-7540 ImageMagick: writing to rgf format aborts	af854a3a-2127-422b-91ae-364da26
Bug #1594060 “abort when writing rgf format” : Bugs : imagemagick package : Ubuntu	af854a3a-2127-422b-91ae-364da26
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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