



# CVE-2016-4562

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

| Summary         |                                                                                                                      |
|-----------------|----------------------------------------------------------------------------------------------------------------------|
| CVE             | CVE-2016-4562                                                                                                        |
| State           | PUBLISHED                                                                                                            |
| Assigner        | mitre                                                                                                                |
| Source Priority | CVE Program / NVD first with legacy fallback                                                                         |
| Published       | 2016-06-04 16:59:00 UTC                                                                                              |
| Updated         | 2026-05-06 22:30:45 UTC                                                                                              |
| Description     | The DrawDashPolygon function in MagickCore/draw.c in ImageMagick before 6.9.4-0 and 7.x before 7.0.1-2 mishandles ca |

Risk And Classification

Primary CVSS: v3.0 8.8 HIGH from nvd@nist.gov

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

Problem Types: CWE-119 | n/a

| Version | Source       | Type    | Score | Severity | Vector                                       |
|---------|--------------|---------|-------|----------|----------------------------------------------|
| 3.0     | nvd@nist.gov | Primary | 8.8   | HIGH     | CVSS:3.0/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 v3.0 Breakdown |           |
|---------------------|-----------|
| Attack Vector       | Network   |
| Attack Complexity   | Low       |
| Privileges Required | None      |
| User Interaction    | Required  |
| Scope               | Unchanged |
| Confidentiality     | High      |
| Integrity           | High      |
| Availability        |           |

High

CVSS:3.0/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 | <a href="#">Imagemagick</a> | <a href="#">Imagemagick</a> | 7.0.0-0 | All    | All     | All      |
| Application | <a href="#">Imagemagick</a> | <a href="#">Imagemagick</a> | 7.0.1-0 | All    | All     | All      |
| Application | <a href="#">Imagemagick</a> | <a href="#">Imagemagick</a> | 7.0.1-1 | All    | All     | All      |
| Application | <a href="#">Imagemagick</a> | <a href="#">Imagemagick</a> | All     | All    | All     | All      |

### Vendor Declared Affected Products

| Source | Vendor             | Product             | Version      | Platforms     |
|--------|--------------------|---------------------|--------------|---------------|
| CNA    | <a href="#">Na</a> | <a href="#">N/a</a> | affected n/a | Not specified |

### References

| Reference                                                                           | Source                               | Link                   |
|-------------------------------------------------------------------------------------|--------------------------------------|------------------------|
| ImageMagick: Changelog                                                              | af854a3a-2127-422b-91ae-364da2661108 | <a href="#">www</a>    |
| Oracle Solaris Bulletin - July 2016                                                 | af854a3a-2127-422b-91ae-364da2661108 | <a href="#">www</a>    |
| Prevent buffer overflow in magick/draw.c · ImageMagick/ImageMagick@726812f · GitHub | af854a3a-2127-422b-91ae-364da2661108 | <a href="#">github</a> |
| CVE Program record                                                                  | CVE.ORG                              | <a href="#">www</a>    |
| NVD vulnerability detail                                                            | NVD                                  | <a href="#">nvd.</a>   |

No vendor comments have been submitted for this CVE.

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

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