# CVE-2016-3076

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

## Summary

| | |
|---|---|
| **CVE** | CVE-2016-3076 |
| **State** | PUBLIC |
| **Assigner** | secalert@redhat.com |
| **Source Priority** | CVE Program / NVD first with legacy fallback |
| **Published** | 2017-04-24 18:59:00 UTC |
| **Updated** | 2017-04-29 01:59:00 UTC |
| **Description** | Heap-based buffer overflow in the j2k_encode_entry function in Pillow 2.5.0 through 3.1.1 allows remote attackers to cause |

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|---|---|---|---|---|---|---|
| Application | Python | Pillow | 2.5.0 | All | All | All |
| Application | Python | Pillow | 2.5.1 | All | All | All |
| Application | Python | Pillow | 2.5.2 | All | All | All |
| Application | Python | Pillow | 2.5.3 | All | All | All |
| Application | Python | Pillow | 2.6.0 | All | All | All |
| Application | Python | Pillow | 2.6.0 | rc1 | All | All |
| Application | Python | Pillow | 2.6.1 | All | All | All |
| Application | Python | Pillow | 2.6.2 | All | All | All |
| Application | Python | Pillow | 2.7.0 | All | All | All |
| Application | Python | Pillow | 2.8.0 | All | All | All |
| Application | Python | Pillow | 2.8.1 | All | All | All |
| Application | Python | Pillow | 2.8.2 | All | All | All |
| Application | Python | Pillow | 2.9.0 | All | All | All |
| Application | Python | Pillow | 2.9.0 | dev0 | All | All |
| Application | Python | Pillow | 2.9.0 | dev1 | All | All |
| Application | Python | Pillow | 2.9.0 | dev2 | All | All |
| Application | Python | Pillow | 3.0.0 | All | All | All |

| | | | | | | |
|---|---|---|---|---|---|---|
| Application | Python | Pillow | 3.0.0 | rc1 | All | All |
| Application | Python | Pillow | 3.1.0 | All | All | All |
| Application | Python | Pillow | 2.5.0 | All | All | All |
| Application | Python | Pillow | 2.5.1 | All | All | All |
| Application | Python | Pillow | 2.5.2 | All | All | All |
| Application | Python | Pillow | 2.5.3 | All | All | All |
| Application | Python | Pillow | 2.6.0 | All | All | All |
| Application | Python | Pillow | 2.6.0 | rc1 | All | All |
| Application | Python | Pillow | 2.6.1 | All | All | All |
| Application | Python | Pillow | 2.6.2 | All | All | All |
| Application | Python | Pillow | 2.7.0 | All | All | All |
| Application | Python | Pillow | 2.8.0 | All | All | All |
| Application | Python | Pillow | 2.8.1 | All | All | All |
| Application | Python | Pillow | 2.8.2 | All | All | All |
| Application | Python | Pillow | 2.9.0 | All | All | All |
| Application | Python | Pillow | 2.9.0 | dev0 | All | All |
| Application | Python | Pillow | 2.9.0 | dev1 | All | All |
| Application | Python | Pillow | 2.9.0 | dev2 | All | All |
| Application | Python | Pillow | 3.0.0 | All | All | All |
| Application | Python | Pillow | 3.0.0 | rc1 | All | All |
| Application | Python | Pillow | 3.1.0 | All | All | All |

## References

| Reference | Source | Link | Tag |
|---|---|---|---|
| Pillow CVE-2016-3076 Heap Buffer Overflow Vulnerability | BID | www.securityfocus.com | |
| 3.1.2 — Pillow (PIL Fork) 4.1.0 documentation | CONFIRM | pillow.readthedocs.io | Rele |
| 1321929 – (CVE-2016-3076) CVE-2016-3076 python-pillow: buffer overflow in Jpeg2kEncode.c | CONFIRM | bugzilla.redhat.com | Issu |
| CVE Program record | CVE.ORG | www.cve.org | canc |
| NVD vulnerability detail | NVD | nvd.nist.gov | canc |

No vendor comments have been submitted for this CVE.

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