



# CVE-2017-9815

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2017-9815                                                                                                                 |
| <b>State</b>           | PUBLIC                                                                                                                        |
| <b>Assigner</b>        | cve@mitre.org                                                                                                                 |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                                  |
| <b>Published</b>       | 2017-06-22 15:29:00 UTC                                                                                                       |
| <b>Updated</b>         | 2019-10-03 00:03:00 UTC                                                                                                       |
| <b>Description</b>     | In LibTIFF 4.0.7, the TIFFReadDirEntryLong8Array function in libtiff/tif_dirread.c mishandles a malloc operation, which allow |

## Risk And Classification

### Problem Types: CWE-772

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                    | Product                      | Version | Update | Edition | Language |
|------------------|---------------------------|------------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 14.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 16.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 14.04   | All    | All     | All      |
| Operating System | <a href="#">Canonical</a> | <a href="#">Ubuntu Linux</a> | 16.04   | All    | All     | All      |
| Application      | <a href="#">Libtiff</a>   | <a href="#">Libtiff</a>      | 4.0.7   | All    | All     | All      |
| Application      | <a href="#">Libtiff</a>   | <a href="#">Libtiff</a>      | 4.0.7   | All    | All     | All      |

## References

| Reference                                                       | Source  | Link                                         | Tags                                 |
|-----------------------------------------------------------------|---------|----------------------------------------------|--------------------------------------|
| USN-3602-1: LibTIFF vulnerabilities   Ubuntu security notices   | UBUNTU  | <a href="#">usn.ubuntu.com</a>               | Third Party Advisory                 |
| LibTIFF:memory leak in _TIFFmalloc                              | MISC    | <a href="#">somevulnsofadlab.blogspot.jp</a> | Third Party Advisory                 |
| Bug 2682 – libtiff:memory leak in tiff2pdf.c:751                | MISC    | <a href="#">bugzilla.maptools.org</a>        | Issue Tracking, Third Party Advisory |
| LibTIFF 'libtiff/tif_dirread.c' Denial of Service Vulnerability | BID     | <a href="#">www.securityfocus.com</a>        | Third Party Advisory, VDB Entry      |
| CVE Program record                                              | CVE.ORG | <a href="#">www.cve.org</a>                  | canonical                            |
| NVD vulnerability detail                                        | NVD     | <a href="#">nvd.nist.gov</a>                 | canonical, analysis                  |

No vendor comments have been submitted for this CVE.

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

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