



CVE-2016-3991

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

Summary

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|------------------------|--|
| CVE | CVE-2016-3991 |
| State | PUBLIC |
| Assigner | cve@mitre.org |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2016-09-21 18:59:00 UTC |
| Updated | 2018-10-30 16:27:00 UTC |
| Description | Heap-based buffer overflow in the loadImage function in the tiffcrop tool in LibTIFF 4.0.6 and earlier allows remote attackers |

Risk And Classification

Problem Types: CWE-119 | CWE-787

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|-------------------------|---------------------------|---------|--------|---------|----------|
| Application | Libtiff | Libtiff | All | All | All | All |
| Operating System | Oracle | Vm Server | 3.3 | All | All | All |
| Operating System | Oracle | Vm Server | 3.4 | All | All | All |
| Operating System | Oracle | Vm Server | 3.3 | All | All | All |
| Operating System | Oracle | Vm Server | 3.4 | All | All | All |

References

| Reference | Source | Link | Tags |
|--|---------|---------------------------------------|---------------|
| Bug 1326249 – CVE-2016-3991 libtiff: out-of-bounds write in loadImage() function | CONFIRM | bugzilla.redhat.com | Issue Track |
| Debian -- Security Information -- DSA-3762-1 tiff | DEBIAN | www.debian.org | |
| LibTIFF 'tiffcrop.c' Heap Buffer Overflow Vulnerability | BID | www.securityfocus.com | Third Party |
| libTIFF: Multiple vulnerabilities (GLSA 201701-16) — Gentoo Security | GENTOO | security.gentoo.org | |
| Oracle Linux Bulletin - July 2016 | CONFIRM | www.oracle.com | |
| openSUSE-SU-2016:2275-1: moderate: Security update for tiff | SUSE | lists.opensuse.org | |
| Red Hat Customer Portal | REDHAT | rhn.redhat.com | |
| Oracle VM Server for x86 Bulletin - July 2016 | CONFIRM | www.oracle.com | Patch, Third |
| oss-security - CVE-2016-3991 : out-of-bounds write in loadImage() in tiffcrop tool | MLIST | www.openwall.com | Mailing List, |

| | | | |
|---|---------|---|--------------|
| Red Hat Customer Portal | REDHAT | rhn.redhat.com | |
| Bug 2543 – [PATCH] CVE-2016-3991: out-of-bounds write in loadImage() in tiffcrop tool | CONFIRM | bugzilla.maptools.org | Issue Track |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, a |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

710479 Gentoo Linux libTIFF Multiple Vulnerabilities (GLSA 201701-16)

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