



# CVE-2016-3990

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2016-3990
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2016-09-21 18:59:00 UTC
<b>Updated</b>	2018-10-30 16:27:00 UTC
<b>Description</b>	Heap-based buffer overflow in the horizontalDifference8 function in tif_pixarlog.c in LibTIFF 4.0.6 and earlier allows remote

## Risk And Classification

**Problem Types:** CWE-119 | CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Libtiff</a>	<a href="#">Libtiff</a>	All	All	All	All
Operating System	<a href="#">Oracle</a>	<a href="#">Vm Server</a>	3.3	All	All	All
Operating System	<a href="#">Oracle</a>	<a href="#">Vm Server</a>	3.4	All	All	All
Operating System	<a href="#">Oracle</a>	<a href="#">Vm Server</a>	3.3	All	All	All
Operating System	<a href="#">Oracle</a>	<a href="#">Vm Server</a>	3.4	All	All	All

## References

Reference	Source	Link	Tags
Debian -- Security Information -- DSA-3762-1 tiff	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>	
LibTIFF CVE-2016-3990 Heap Buffer Overflow Vulnerability	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	Thi
libTIFF: Multiple vulnerabilities (GLSA 201701-16) — Gentoo Security	GENTOO	<a href="http://security.gentoo.org">security.gentoo.org</a>	
Oracle Linux Bulletin - July 2016	CONFIRM	<a href="http://www.oracle.com">www.oracle.com</a>	
openSUSE-SU-2016:2275-1: moderate: Security update for tiff	SUSE	<a href="http://lists.opensuse.org">lists.opensuse.org</a>	
Red Hat Customer Portal	REDHAT	<a href="http://rhn.redhat.com">rhn.redhat.com</a>	
oss-security - CVE-2016-3990 : out-of-bounds write in horizontalDifference8() in tiffcp tool	MLIST	<a href="http://www.openwall.com">www.openwall.com</a>	Ma
Oracle VM Server for x86 Bulletin - July 2016	CONFIRM	<a href="http://www.oracle.com">www.oracle.com</a>	Pa
Bug 2544 – [PATCH] CVE-2016-3990: out-of-bounds write in horizontalDifference8() in tiffcp tool	CONFIRM	<a href="http://bugzilla.maptools.org">bugzilla.maptools.org</a>	Iss

Red Hat Customer Portal	REDHAT	<a href="https://rhn.redhat.com">rhn.redhat.com</a>	
Bug 1326246 – CVE-2016-3990 libtiff: out-of-bounds write in horizontalDifference8()	CONFIRM	<a href="https://bugzilla.redhat.com">bugzilla.redhat.com</a>	Iss
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	car
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	car

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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