CVE-2010-2597

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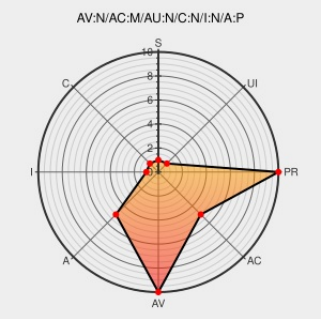

Certain versions of Libtiff from Libtiff contain the following vulnerability:

The TIFFVStripSize function in tif_strip.c in LibTIFF 3.9.0 and 3.9.2 makes incorrect calls to the TIFFGetField function, which allows remote attackers to cause a denial of service (application crash) via a crafted TIFF image, related to "downsampled OJPEG input" and possibly related to a compiler optimization that triggers a divide-by-zero error.

CVE-2010-2597 has been assigned by cve@mitre.org to track the vulnerability

CVSS2 Score: 4.3 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Bug 2215 – Incorrect uses of TIFFGetField where TIFFGetFieldDefaulted is needed	bugzilla.maptools.org text/html	CONFIRM bugzilla.maptools.org/show_bug.cgi?id=2215
LibTIFF Denial of Service Vulnerabilities - Advisories - Community	web.archive.org text/html	SECUNIA 40422
Debian -- Security Information -- DSA-2552-1 tiff	www.debian.org Depreciated Link text/html	DEBIAN DSA-2552
Support	www.redhat.com text/html	REDHAT RHSA-2010:0519
Security Advisory SA50726 - Gentoo update for tiff - Secunia	web.archive.org text/html	SECUNIA 50726

Bug 583081 – Assorted libtiff failures on downsampled OJPEG input	Exploit bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=583081
Webmail - OVH	www.vupen.com text/html	VUPEN ADV-2010-1761
Red Hat update for libtiff - Advisories - Community	web.archive.org text/html	SECUNIA 40527
Bug #593067 “eog crashed with SIGSEGV in __memset_sse2()” : Bugs : tiff package : Ubuntu	bugs.launchpad.net text/html	CONFIRM bugs.launchpad.net/bugs/593067
Gentoo Linux Documentation -- libTIFF: Multiple vulnerabilities	security.gentoo.org text/html	GENTOO GLSA-201209-02
Bug 603703 – libtiff: TIFFReadEncodedStrip crash	Patch bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=603703

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Libtiff	Libtiff	3.9.0	All	All	All
Application	Libtiff	Libtiff	3.9.2	All	All	All
Application	Libtiff	Libtiff	3.9.0	All	All	All
Application	Libtiff	Libtiff	3.9.2	All	All	All

cpe:2.3:a:libtiff:libtiff:3.9.0:*:*:*:*:*:*:*:

cpe:2.3:a:libtiff:libtiff:3.9.2:*:*:*:*:*:*:*:

cpe:2.3:a:libtiff:libtiff:3.9.0:*:*:*:*:*:*:*:

cpe:2.3:a:libtiff:libtiff:3.9.2:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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