



CVE-2012-5581

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

Summary

CVE	CVE-2012-5581
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-01-04 22:55:00 UTC
Updated	2023-02-13 00:26:00 UTC
Description	Stack-based buffer overflow in tif_dir.c in LibTIFF before 4.0.2 allows remote attackers to cause a denial of service (crash) :

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Libtiff	Libtiff	3.4	All	All	All
Application	Libtiff	Libtiff	3.4	beta18	All	All
Application	Libtiff	Libtiff	3.4	beta24	All	All
Application	Libtiff	Libtiff	3.4	beta28	All	All
Application	Libtiff	Libtiff	3.4	beta29	All	All
Application	Libtiff	Libtiff	3.4	beta31	All	All
Application	Libtiff	Libtiff	3.4	beta32	All	All
Application	Libtiff	Libtiff	3.4	beta34	All	All
Application	Libtiff	Libtiff	3.4	beta35	All	All
Application	Libtiff	Libtiff	3.4	beta36	All	All
Application	Libtiff	Libtiff	3.4	beta37	All	All
Application	Libtiff	Libtiff	3.5.1	All	All	All
Application	Libtiff	Libtiff	3.5.2	All	All	All
Application	Libtiff	Libtiff	3.5.3	All	All	All
Application	Libtiff	Libtiff	3.5.4	All	All	All
Application	Libtiff	Libtiff	3.5.5	All	All	All
Application	Libtiff	Libtiff	3.5.6	All	All	All

Application	Libtiff	Libtiff	3.5.6	beta	All	All
Application	Libtiff	Libtiff	3.5.7	All	All	All
Application	Libtiff	Libtiff	3.5.7	alpha	All	All
Application	Libtiff	Libtiff	3.5.7	alpha2	All	All
Application	Libtiff	Libtiff	3.5.7	alpha3	All	All
Application	Libtiff	Libtiff	3.5.7	alpha4	All	All
Application	Libtiff	Libtiff	3.5.7	beta	All	All
Application	Libtiff	Libtiff	3.6.0	All	All	All
Application	Libtiff	Libtiff	3.6.0	beta	All	All
Application	Libtiff	Libtiff	3.6.0	beta2	All	All
Application	Libtiff	Libtiff	3.6.1	All	All	All
Application	Libtiff	Libtiff	3.7.0	All	All	All
Application	Libtiff	Libtiff	3.7.0	alpha	All	All
Application	Libtiff	Libtiff	3.7.0	beta	All	All
Application	Libtiff	Libtiff	3.7.0	beta2	All	All
Application	Libtiff	Libtiff	3.7.1	All	All	All
Application	Libtiff	Libtiff	3.7.2	All	All	All
Application	Libtiff	Libtiff	3.7.3	All	All	All
Application	Libtiff	Libtiff	3.7.4	All	All	All
Application	Libtiff	Libtiff	3.8.0	All	All	All
Application	Libtiff	Libtiff	3.8.1	All	All	All
Application	Libtiff	Libtiff	3.8.2	All	All	All
Application	Libtiff	Libtiff	3.9	All	All	All
Application	Libtiff	Libtiff	3.9.0	All	All	All
Application	Libtiff	Libtiff	3.9.0	beta	All	All
Application	Libtiff	Libtiff	3.9.1	All	All	All
Application	Libtiff	Libtiff	3.9.2	All	All	All
Application	Libtiff	Libtiff	3.9.2-5.2.1	All	All	All
Application	Libtiff	Libtiff	3.9.3	All	All	All
Application	Libtiff	Libtiff	3.9.4	All	All	All
Application	Libtiff	Libtiff	3.9.5	All	All	All
Application	Libtiff	Libtiff	4.0	All	All	All
Application	Libtiff	Libtiff	4.0	alpha	All	All
Application	Libtiff	Libtiff	4.0	beta1	All	All
Application	Libtiff	Libtiff	4.0	beta2	All	All

Application	Libtiff	Libtiff	4.0	beta3	All	All
Application	Libtiff	Libtiff	4.0	beta4	All	All
Application	Libtiff	Libtiff	4.0	beta5	All	All
Application	Libtiff	Libtiff	4.0	beta6	All	All
Application	Libtiff	Libtiff	3.4	All	All	All
Application	Libtiff	Libtiff	3.4	beta18	All	All
Application	Libtiff	Libtiff	3.4	beta24	All	All
Application	Libtiff	Libtiff	3.4	beta28	All	All
Application	Libtiff	Libtiff	3.4	beta29	All	All
Application	Libtiff	Libtiff	3.4	beta31	All	All
Application	Libtiff	Libtiff	3.4	beta32	All	All
Application	Libtiff	Libtiff	3.4	beta34	All	All
Application	Libtiff	Libtiff	3.4	beta35	All	All
Application	Libtiff	Libtiff	3.4	beta36	All	All
Application	Libtiff	Libtiff	3.4	beta37	All	All
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Application	Libtiff	Libtiff	3.5.2	All	All	All
Application	Libtiff	Libtiff	3.5.3	All	All	All
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Application	Libtiff	Libtiff	3.5.5	All	All	All
Application	Libtiff	Libtiff	3.5.6	All	All	All
Application	Libtiff	Libtiff	3.5.6	beta	All	All
Application	Libtiff	Libtiff	3.5.7	All	All	All
Application	Libtiff	Libtiff	3.5.7	alpha	All	All
Application	Libtiff	Libtiff	3.5.7	alpha2	All	All
Application	Libtiff	Libtiff	3.5.7	alpha3	All	All
Application	Libtiff	Libtiff	3.5.7	alpha4	All	All
Application	Libtiff	Libtiff	3.5.7	beta	All	All
Application	Libtiff	Libtiff	3.6.0	All	All	All
Application	Libtiff	Libtiff	3.6.0	beta	All	All
Application	Libtiff	Libtiff	3.6.0	beta2	All	All
Application	Libtiff	Libtiff	3.6.1	All	All	All
Application	Libtiff	Libtiff	3.7.0	All	All	All
Application	Libtiff	Libtiff	3.7.0	alpha	All	All
Application	Libtiff	Libtiff	3.7.0	beta	All	All
Application	Libtiff	Libtiff	3.7.0	beta	All	All

Application	Libtiff	Libtiff	3.7.0	beta2	All	All
Application	Libtiff	Libtiff	3.7.1	All	All	All
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Application	Libtiff	Libtiff	3.8.2	All	All	All
Application	Libtiff	Libtiff	3.9	All	All	All
Application	Libtiff	Libtiff	3.9.0	All	All	All
Application	Libtiff	Libtiff	3.9.0	beta	All	All
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Application	Libtiff	Libtiff	3.9.2-5.2.1	All	All	All
Application	Libtiff	Libtiff	3.9.3	All	All	All
Application	Libtiff	Libtiff	3.9.4	All	All	All
Application	Libtiff	Libtiff	3.9.5	All	All	All
Application	Libtiff	Libtiff	4.0	All	All	All
Application	Libtiff	Libtiff	4.0	alpha	All	All
Application	Libtiff	Libtiff	4.0	beta1	All	All
Application	Libtiff	Libtiff	4.0	beta2	All	All
Application	Libtiff	Libtiff	4.0	beta3	All	All
Application	Libtiff	Libtiff	4.0	beta4	All	All
Application	Libtiff	Libtiff	4.0	beta5	All	All
Application	Libtiff	Libtiff	4.0	beta6	All	All
Application	Libtiff	Libtiff	All	All	All	All

References						
Reference				Source	Link	
Security Advisory SA51491 - Ubuntu update for tiff - Secunia				SECUNIA	secunia.com	
access.redhat.com CVE-2012-5581				MISC	access.redhat.com	
openSUSE-SU-2013:0187-1: moderate: tiff				SUSE	lists.opensuse.org	
LibTIFF 'DOTRANGE' Tags Handling Remote Buffer Overflow Vulnerability				BID	www.securityfocus	
Red Hat Customer Portal				MISC	access.redhat.com	
oss-security - libtiff: Stack based buffer overflow when handling DOTRANGE tags				MLIST	www.openwall.com	
867235 – (CVE-2012-5581) CVE-2012-5581 libtiff: Stack-based buffer overflow when reading a tiled tiff file				MISC	bugzilla.redhat.com	

Debian -- Security Information -- DSA-2589-1 tiff	DEBIAN	www.debian.org
IBM X-Force Exchange	XF	exchange.xforce.ibmcloud.com
USN-1655-1: LibTIFF vulnerability Ubuntu	UBUNTU	www.ubuntu.com
Red Hat Customer Portal	REDHAT	rhn.redhat.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov



No vendor comments have been submitted for this CVE.

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

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