



CVE-2011-3048

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

Summary

CVE	CVE-2011-3048
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-05-29 20:55:00 UTC
Updated	2017-12-29 02:29:00 UTC
Description	The png_set_text_2 function in pngset.c in libpng 1.0.x before 1.0.59, 1.2.x before 1.2.49, 1.4.x before 1.4.11, and 1.5.x before 1.5.10 does not properly validate the length of the text data, which allows remote attackers to cause a denial of service (buffer overflow) and possibly execute arbitrary code via a crafted PNG image.

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Libpng	Libpng	1.0.0	All	All	All
Application	Libpng	Libpng	1.0.1	All	All	All
Application	Libpng	Libpng	1.0.10	All	All	All
Application	Libpng	Libpng	1.0.11	All	All	All
Application	Libpng	Libpng	1.0.12	All	All	All
Application	Libpng	Libpng	1.0.13	All	All	All
Application	Libpng	Libpng	1.0.14	All	All	All
Application	Libpng	Libpng	1.0.15	All	All	All
Application	Libpng	Libpng	1.0.16	All	All	All
Application	Libpng	Libpng	1.0.17	All	All	All
Application	Libpng	Libpng	1.0.18	All	All	All
Application	Libpng	Libpng	1.0.19	All	All	All
Application	Libpng	Libpng	1.0.2	All	All	All
Application	Libpng	Libpng	1.0.20	All	All	All
Application	Libpng	Libpng	1.0.21	All	All	All
Application	Libpng	Libpng	1.0.22	All	All	All
Application	Libpng	Libpng	1.0.23	All	All	All

Application						
Application	Libpng	Libpng	1.0.24	All	All	All
Application	Libpng	Libpng	1.0.25	All	All	All
Application	Libpng	Libpng	1.0.26	All	All	All
Application	Libpng	Libpng	1.0.27	All	All	All
Application	Libpng	Libpng	1.0.28	All	All	All
Application	Libpng	Libpng	1.0.29	All	All	All
Application	Libpng	Libpng	1.0.3	All	All	All
Application	Libpng	Libpng	1.0.30	All	All	All
Application	Libpng	Libpng	1.0.31	All	All	All
Application	Libpng	Libpng	1.0.32	All	All	All
Application	Libpng	Libpng	1.0.33	All	All	All
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Application	Libpng	Libpng	1.0.35	All	All	All
Application	Libpng	Libpng	1.0.37	All	All	All
Application	Libpng	Libpng	1.0.38	All	All	All
Application	Libpng	Libpng	1.0.39	All	All	All
Application	Libpng	Libpng	1.0.40	All	All	All
Application	Libpng	Libpng	1.0.41	All	All	All
Application	Libpng	Libpng	1.0.42	All	All	All
Application	Libpng	Libpng	1.0.43	All	All	All
Application	Libpng	Libpng	1.0.44	All	All	All
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Application	Libpng	Libpng	1.0.56	All	All	All
Application	Libpng	Libpng	1.0.56	devel	All	All

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Application	Libpng	Libpng	1.5.9	beta	All	All

References						
Reference				Source	Link	
[SECURITY] Fedora 15 Update: libpng10-1.0.59-1.fc15				FEDORA	lists.fedo	
libpng png_set_text_2() Memory Corruption Error May Let Remote Users Execute Arbitrary Code - SecurityTracker				SECTRACK	www.sec	
www.libpng.org/pub/png/src/libpng-1.5.10-README.txt				CONFIRM	www.libp	
libpng Home Page				CONFIRM	www.libp	
APPLE-SA-2012-09-19-2 OS X Mountain Lion v10.8.2, OS X Lion v10.7.5 and Security Update 2012-004				APPLE	lists.appl	
Security Alerts - Secunia				SECUNIA	secunia.c	
About the security content of OS X Mountain Lion v10.8.2, OS X Lion v10.7.5 and Security Update 2012-004				CONFIRM	support.a	
Debian -- Security Information -- DSA-2446-1 libpng				DEBIAN	www.deb	
Gentoo Linux Documentation -- libpng: Multiple vulnerabilities				GENTOO	security.g	
Security Alerts - Secunia				SECUNIA	secunia.c	
[SECURITY] Fedora 17 Update: libpng-1.5.10-1.fc17				FEDORA	lists.fedo	

www.mandriva.com	MANDRIVA	www.mai
APPLE-SA-2012-09-19-1 iOS 6	APPLE	lists.apple
IBM X-Force Exchange	XF	exchange
[SECURITY] Fedora 17 Update: libpng10-1.0.59-1.fc17	FEDORA	lists.fedo
Security Alerts - Secunia	SECUNIA	secunia.c
USN-1417-1: libpng vulnerability Ubuntu	UBUNTU	ubuntu.co
Security Alerts - Secunia	SECUNIA	secunia.c
access.redhat.com	REDHAT	rhn.redha
libpng 'png_set_text_2()' Function Memory Corruption Vulnerability	BID	www.sec
[SECURITY] Fedora 16 Update: libpng-1.2.49-1.fc16	FEDORA	lists.fedo
[SECURITY] Fedora 16 Update: libpng10-1.0.59-1.fc16	FEDORA	lists.fedo
Security Alerts - Secunia	SECUNIA	secunia.c
80822	OSVDB	www.osv
[SECURITY] Fedora 15 Update: libpng-1.2.49-1.fc15	FEDORA	lists.fedo
Security Alerts - Secunia	SECUNIA	secunia.c
About the security content of iOS 6	CONFIRM	support.a
CVE Program record	CVE.ORG	www.cve
NVD vulnerability detail	NVD	nvd.nist.g

No vendor comments have been submitted for this CVE.

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

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