



CVE-2011-2692

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Summary

CVE	CVE-2011-2692
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-07-17 20:55:00 UTC
Updated	2023-02-13 01:20:00 UTC
Description	The png_handle_sCAL function in pngutil.c in libpng 1.0.x before 1.0.55, 1.2.x before 1.2.45, 1.4.x before 1.4.8, and 1.5.x before 1.5.16 does not properly validate the sCAL chunk, which allows remote attackers to cause a denial of service (crash) 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
Operating System	Canonical	Ubuntu Linux	10.04	All	All	All
Operating System	Canonical	Ubuntu Linux	10.10	All	All	All
Operating System	Canonical	Ubuntu Linux	11.04	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Canonical	Ubuntu Linux	10.04	All	All	All
Operating System	Canonical	Ubuntu Linux	10.10	All	All	All
Operating System	Canonical	Ubuntu Linux	11.04	All	All	All
Operating System	Canonical	Ubuntu Linux	8.04	All	All	All
Operating System	Debian	Debian Linux	5.0	All	All	All
Operating System	Debian	Debian Linux	6.0	All	All	All
Operating System	Debian	Debian Linux	5.0	All	All	All
Operating System	Debian	Debian Linux	6.0	All	All	All
Operating System	Fedoraproject	Fedora	14	All	All	All
Operating System	Fedoraproject	Fedora	14	All	All	All
Application	Libpng	Libpng	All	All	All	All
Application	Libpng	Libpng	All	All	All	All

References

Reference	Source	Link
Support / Security / Advisories // MDVSA-2011:151 Mandriva	MANDRIVA	www.mandriva.com
Security Alerts - Secunia	SECUNIA	secunia.com
IBM X-Force Exchange	XF	exchange.xforce.ibmcloud.com
Support	REDHAT	www.redhat.com
libpng Home Page	CONFIRM	www.libpng.org
Support	REDHAT	www.redhat.com
Security Alerts - Secunia	SECUNIA	secunia.com
Debian -- Security Information -- DSA-2287-1 libpng	DEBIAN	www.debian.org
Security Alerts - Secunia	SECUNIA	secunia.com
LIBPNG: PNG reference library / Git tools	MISC	libpng.git.sourceforge.net
US-CERT Vulnerability Note VU#819894 - libpng invalid sCAL chunk processing vulnerability	CERT-VN	www.kb.cert.org
Gentoo Linux Documentation -- libpng: Multiple vulnerabilities	GENTOO	security.gentoo.org
[SECURITY] Fedora 14 Update: libpng-1.2.46-1.fc14	FEDORA	lists.fedoraproject.org
SourceForge.net: PNG and MNG/JNG image formats: home site: png-mng-implement	CONFIRM	sourceforge.net
Security Alerts - Secunia	SECUNIA	secunia.com
libpng PNG File Denial Of Service Vulnerability	BID	www.securityfocus.com
About the security content of OS X Lion v10.7.4 and Security Update 2012-002	CONFIRM	support.apple.com
APPLE-SA-2012-05-09-1 OS X Lion v10.7.4 and Security Update 2012-002	APPLE	lists.apple.com
Ubuntu update for libpng - Secunia.com	SECUNIA	secunia.com
APPLE-SA-2011-10-12-3 OS X Lion v10.7.2 and Security Update 2011-006	APPLE	lists.apple.com
Security Alerts - Secunia	SECUNIA	secunia.com
About the security content of OS X Lion v10.7.2 and Security Update 2011-006	CONFIRM	support.apple.com
Security Alerts - Secunia	SECUNIA	secunia.com
Bug 720612 – CVE-2011-2692 libpng: Invalid read when handling empty sCAL chunks	CONFIRM	bugzilla.redhat.com
USN-1175-1: libpng vulnerabilities Ubuntu	UBUNTU	www.ubuntu.com
libpng Multiple Vulnerabilities - Secunia.com	SECUNIA	secunia.com
Support	REDHAT	www.redhat.com
LIBPNG: PNG reference library / Git tools	CONFIRM	libpng.git.sourceforge.net
oss-security - Security issues fixed in libpng 1.5.4	MLIST	www.openwall.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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