



CVE-2010-0205

- MITRE
- NVD
- CVE.ORG
- JSON API
- Print: PDF

Summary

CVE	CVE-2010-0205
State	PUBLISHED
Assigner	certcc
Source Priority	CVE Program / NVD first with legacy fallback
Published	2010-03-03 19:30:00 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The png_decompress_chunk function in pngutil.c in libpng 1.0.x before 1.0.53, 1.2.x before 1.2.43, and 1.4.x before 1.4.10 contains a buffer overflow that can be exploited to crash the application or execute arbitrary code.

Risk And Classification

Primary CVSS: v2.0 4.3 from nvd@nist.gov

AV:N/AC:M/Au:N/C:N/I:N/A:P

Problem Types: CWE-400 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:M/Au:N/C:N/I:N/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Libpng	Libpng	All	All	All	All

Vendor Declared Affected Products				
Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified
References				
Reference			Source	
[Security-announce] VMSA-2010-0014 VMware Workstation, Player, and ACE address several security issues			af854a3a-2127-422b-91ae-3	
[security-announce] SUSE Security Summary Report: SUSE-SR:2010:013			af854a3a-2127-422b-91ae-3	
About the security content of Mac OS X v10.6.5 and Security Update 2010-007			af854a3a-2127-422b-91ae-3	
USN-913-1: libpng vulnerabilities Ubuntu			af854a3a-2127-422b-91ae-3	
[security-announce] SUSE Security Summary Report: SUSE-SR:2010:012			af854a3a-2127-422b-91ae-3	
[SECURITY] Fedora 11 Update: libpng10-1.0.53-1.fc11			af854a3a-2127-422b-91ae-3	
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH			af854a3a-2127-422b-91ae-3	
LIBPNG			af854a3a-2127-422b-91ae-3	
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH			af854a3a-2127-422b-91ae-3	
APPLE-SA-2010-11-10-1 Mac OS X v10.6.5 and Security Update 2010-007			af854a3a-2127-422b-91ae-3	
[SECURITY] Fedora 13 Update: libpng10-1.0.53-1.fc13			af854a3a-2127-422b-91ae-3	
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH			af854a3a-2127-422b-91ae-3	
IBM X-Force Exchange			af854a3a-2127-422b-91ae-3	
Debian update for libpng - Secunia.com			af854a3a-2127-422b-91ae-3	
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH			af854a3a-2127-422b-91ae-3	
[SECURITY] Fedora 13 Update: libpng-1.2.43-1.fc13			af854a3a-2127-422b-91ae-3	
SecurityTracker.com Archives - libpng Decompression Process May Let Remote Users Deny Service			af854a3a-2127-422b-91ae-3	
US-CERT Vulnerability Note VU#576029			af854a3a-2127-422b-91ae-3	
libpng Ancillary Chunks "Decompression Bomb" Denial of Service - Advisories - Community			af854a3a-2127-422b-91ae-3	
Debian -- Security Information -- DSA-2032-1 libpng			af854a3a-2127-422b-91ae-3	
Libpng 'png_decompress_chunk()' Function Denial of Service Vulnerability			af854a3a-2127-422b-91ae-3	
VMSA-2010-0014			af854a3a-2127-422b-91ae-3	
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH			af854a3a-2127-422b-91ae-3	
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Webmail : Solution de messagerie professionnelle - OVHcloud- OVH			af854a3a-2127-422b-91ae-3	
osvdb.org/62670			af854a3a-2127-422b-91ae-3	
VMware Update for Workstation and Player - Advisories - Community			af854a3a-2127-422b-91ae-3	
LIBPNG			af854a3a-2127-422b-91ae-3	
[SECURITY] Fedora 12 Update: libpng10-1.0.53-1.fc12			af854a3a-2127-422b-91ae-3	
[security-announce] SUSE Security Summary Report: SUSE-SR:2010:014			af854a3a-2127-422b-91ae-3	

[security-announce] SUSE Security Summary Report: SUSE-SA-2010:011	af854a3a-2127-422b-91ae-3
Support / Security / Advisories // MDVSA-2010:063 Mandriva	af854a3a-2127-422b-91ae-3
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-3
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Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422b-91ae-3
Support / Security / Advisories // MDVSA-2010:064 Mandriva	af854a3a-2127-422b-91ae-3
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

Vendor Comments And Credit

Organization	Published	Contributor	Statement
Red Hat	2010-07-14	Tomas Hoger	This issue has been addressed in Red Hat Enterprise Linux 3, 4, and 5 via https://rhn.redhat.com

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

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