



CVE-2011-3170

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

Summary

CVE	CVE-2011-3170
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-08-19 17:55:03 UTC
Updated	2026-04-29 01:13:23 UTC
Description	The gif_read_lzw function in filter/image-gif.c in CUPS 1.4.8 and earlier does not properly handle the first code word in an L

Risk And Classification

Primary CVSS: v2.0 5.1 from nvd@nist.gov

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

Problem Types: CWE-119 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

High

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apple	Cups	1.1	All	All	All

Application	Apple	Cups	1.1.1	All	All	All
Application	Apple	Cups	1.1.10	All	All	All
Application	Apple	Cups	1.1.10-1	All	All	All
Application	Apple	Cups	1.1.11	All	All	All
Application	Apple	Cups	1.1.12	All	All	All
Application	Apple	Cups	1.1.13	All	All	All
Application	Apple	Cups	1.1.14	All	All	All
Application	Apple	Cups	1.1.15	All	All	All
Application	Apple	Cups	1.1.16	All	All	All
Application	Apple	Cups	1.1.17	All	All	All
Application	Apple	Cups	1.1.18	All	All	All
Application	Apple	Cups	1.1.19	All	All	All
Application	Apple	Cups	1.1.19	rc1	All	All
Application	Apple	Cups	1.1.19	rc2	All	All
Application	Apple	Cups	1.1.19	rc3	All	All
Application	Apple	Cups	1.1.19	rc4	All	All
Application	Apple	Cups	1.1.19	rc5	All	All
Application	Apple	Cups	1.1.2	All	All	All
Application	Apple	Cups	1.1.20	All	All	All
Application	Apple	Cups	1.1.20	rc1	All	All
Application	Apple	Cups	1.1.20	rc2	All	All
Application	Apple	Cups	1.1.20	rc3	All	All
Application	Apple	Cups	1.1.20	rc4	All	All
Application	Apple	Cups	1.1.20	rc5	All	All
Application	Apple	Cups	1.1.20	rc6	All	All
Application	Apple	Cups	1.1.21	All	All	All
Application	Apple	Cups	1.1.21	rc1	All	All
Application	Apple	Cups	1.1.21	rc2	All	All
Application	Apple	Cups	1.1.22	All	All	All
Application	Apple	Cups	1.1.22	rc1	All	All
Application	Apple	Cups	1.1.22	rc2	All	All
Application	Apple	Cups	1.1.23	All	All	All
Application	Apple	Cups	1.1.23	rc1	All	All
Application	Apple	Cups	1.1.3	All	All	All
Application	Apple	Cups	1.1.4	All	All	All
Application	Apple	Cups	1.1.5	All	All	All

Application	Apple	Cups	1.1.5-1	All	All	All
Application	Apple	Cups	1.1.5-2	All	All	All
Application	Apple	Cups	1.1.6	All	All	All
Application	Apple	Cups	1.1.6-1	All	All	All
Application	Apple	Cups	1.1.6-2	All	All	All
Application	Apple	Cups	1.1.6-3	All	All	All
Application	Apple	Cups	1.1.7	All	All	All
Application	Apple	Cups	1.1.8	All	All	All
Application	Apple	Cups	1.1.9	All	All	All
Application	Apple	Cups	1.1.9-1	All	All	All
Application	Apple	Cups	1.2	b1	All	All
Application	Apple	Cups	1.2	b2	All	All
Application	Apple	Cups	1.2	rc1	All	All
Application	Apple	Cups	1.2	rc2	All	All
Application	Apple	Cups	1.2	rc3	All	All
Application	Apple	Cups	1.2.0	All	All	All
Application	Apple	Cups	1.2.1	All	All	All
Application	Apple	Cups	1.2.10	All	All	All
Application	Apple	Cups	1.2.11	All	All	All
Application	Apple	Cups	1.2.12	All	All	All
Application	Apple	Cups	1.2.2	All	All	All
Application	Apple	Cups	1.2.3	All	All	All
Application	Apple	Cups	1.2.4	All	All	All
Application	Apple	Cups	1.2.5	All	All	All
Application	Apple	Cups	1.2.6	All	All	All
Application	Apple	Cups	1.2.7	All	All	All
Application	Apple	Cups	1.2.8	All	All	All
Application	Apple	Cups	1.2.9	All	All	All
Application	Apple	Cups	1.3	b1	All	All
Application	Apple	Cups	1.3	rc1	All	All
Application	Apple	Cups	1.3	rc2	All	All
Application	Apple	Cups	1.3.0	All	All	All
Application	Apple	Cups	1.3.1	All	All	All
Application	Apple	Cups	1.3.10	All	All	All
Application	Apple	Cups	1.3.11	All	All	All

Application	Apple	Cups	1.3.2	All	All	All
Application	Apple	Cups	1.3.3	All	All	All
Application	Apple	Cups	1.3.4	All	All	All
Application	Apple	Cups	1.3.5	All	All	All
Application	Apple	Cups	1.3.6	All	All	All
Application	Apple	Cups	1.3.7	All	All	All
Application	Apple	Cups	1.3.8	All	All	All
Application	Apple	Cups	1.3.9	All	All	All
Application	Apple	Cups	1.4	b1	All	All
Application	Apple	Cups	1.4	b2	All	All
Application	Apple	Cups	1.4	b3	All	All
Application	Apple	Cups	1.4	rc1	All	All
Application	Apple	Cups	1.4.0	All	All	All
Application	Apple	Cups	1.4.1	All	All	All
Application	Apple	Cups	1.4.2	All	All	All
Application	Apple	Cups	1.4.3	All	All	All
Application	Apple	Cups	1.4.4	All	All	All
Application	Apple	Cups	1.4.5	All	All	All
Application	Apple	Cups	1.4.6	All	All	All
Application	Apple	Cups	1.4.7	All	All	All
Application	Apple	Cups	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	
Support / Security / Advisories / / MDVSA-2011:147 Mandriva					af854a3a-2127-422b-91ae-364da266	
Debian -- Security Information -- DSA-2354-1 cups					af854a3a-2127-422b-91ae-364da266	
Bug 727800 – CVE-2011-2896 David Koblas' GIF decoder LZW decoder buffer overflow					af854a3a-2127-422b-91ae-364da266	
Ubuntu update for cups - Secunia.com					af854a3a-2127-422b-91ae-364da266	
CUPS Buffer Overflow in gif_read_lzw() Lets Remote Users Execute Arbitrary Code - SecurityTracker					af854a3a-2127-422b-91ae-364da266	
Gentoo Linux Documentation -- CUPS: Multiple vulnerabilities					af854a3a-2127-422b-91ae-364da266	
USN-1207-1: CUPS vulnerabilities Ubuntu					af854a3a-2127-422b-91ae-364da266	
Support / Security / Advisories / / MDVSA-2011:146 Mandriva					af854a3a-2127-422b-91ae-364da266	

About Secunia Research Flexera	af854a3a-2127-422b-91ae-364da266
IBM X-Force Exchange	af854a3a-2127-422b-91ae-364da266
cups: GIF reader loop, STR #3867 like · Issue #3914 · apple/cups · GitHub	af854a3a-2127-422b-91ae-364da266
CUPS 'gif_read_lzw()' CVE-2011-3170 GIF File Heap Buffer Overflow Vulnerability	af854a3a-2127-422b-91ae-364da266
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD



No vendor comments have been submitted for this CVE.

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