CVE-2016-5116

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

Summary

CVE	CVE-2016-5116
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-08-07 10:59:12 UTC
Updated	2026-05-06 22:30:45 UTC
Description	gd_xbm.c in the GD Graphics Library (aka libgd) before 2.2.0, as used in certain custom PHP 5.5.x configurations, allows c

Risk And Classification

Primary CVSS: v3.0 9.1 CRITICAL from nvd@nist.gov

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:H

Problem Types: CWE-119 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	9.1	CRITICAL	CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:H
2.0	nvd@nist.gov	Primary	6.4		AV:N/AC:L/Au:N/C:P/I:N/A:P

CVSS v3.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

High

CVSS:3.0/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Partial

Integrity

None

Availability

Partial

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Application	Libgd	Libgd	All	All	All	All
Operating System	Opensuse	Leap	42.1	All	All	All
Application	Php	Php	5.5.0	All	All	All
Application	Php	Php	5.5.0	alpha1	All	All
Application	Php	Php	5.5.0	alpha2	All	All
Application	Php	Php	5.5.0	alpha3	All	All
Application	Php	Php	5.5.0	alpha4	All	All
Application	Php	Php	5.5.0	alpha5	All	All
Application	Php	Php	5.5.0	alpha6	All	All
Application	Php	Php	5.5.0	beta1	All	All
Application	Php	Php	5.5.0	beta2	All	All
Application	Php	Php	5.5.0	beta3	All	All
Application	Php	Php	5.5.0	beta4	All	All
Application	Php	Php	5.5.0	rc1	All	All
Application	Php	Php	5.5.0	rc2	All	All
Application	Php	Php	5.5.1	All	All	All

Application	Php	Php	5.5.10	All	All	All
Application	Php	Php	5.5.11	All	All	All
Application	Php	Php	5.5.12	All	All	All
Application	Php	Php	5.5.13	All	All	All
Application	Php	Php	5.5.14	All	All	All
Application	Php	Php	5.5.18	All	All	All
Application	Php	Php	5.5.19	All	All	All
Application	Php	Php	5.5.2	All	All	All
Application	Php	Php	5.5.20	All	All	All
Application	Php	Php	5.5.21	All	All	All
Application	Php	Php	5.5.22	All	All	All
Application	Php	Php	5.5.23	All	All	All
Application	Php	Php	5.5.24	All	All	All
Application	Php	Php	5.5.25	All	All	All
Application	Php	Php	5.5.26	All	All	All
Application	Php	Php	5.5.27	All	All	All
Application	Php	Php	5.5.28	All	All	All
Application	Php	Php	5.5.29	All	All	All
Application	Php	Php	5.5.3	All	All	All
Application	Php	Php	5.5.30	All	All	All
Application	Php	Php	5.5.31	All	All	All
Application	Php	Php	5.5.32	All	All	All
Application	Php	Php	5.5.33	All	All	All
Application	Php	Php	5.5.34	All	All	All
Application	Php	Php	5.5.35	All	All	All
Application	Php	Php	5.5.37	All	All	All
Application	Php	Php	5.5.4	All	All	All
Application	Php	Php	5.5.5	All	All	All
Application	Php	Php	5.5.6	All	All	All
Application	Php	Php	5.5.7	All	All	All
Application	Php	Php	5.5.8	All	All	All
Application	Php	Php	5.5.9	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
Debian -- Security Information -- DSA-3619-1 libgd2	af854a3a-2127-422b-91ae-364da266
oss-security - Re: CVE Request: libgd - gdCtxPrintf memory leak	af854a3a-2127-422b-91ae-364da266
xbm: avoid stack overflow (read) with large names #211 · libgd/libgd@4dc1a2d · GitHub	af854a3a-2127-422b-91ae-364da266
openSUSE-SU-2016:2363-1: moderate: Security update for gd	af854a3a-2127-422b-91ae-364da266
USN-3030-1: GD library vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-364da266
gdCtxPrintf vsnprintf return value not checked - leaks stack memory · Issue #211 · libgd/libgd · GitHub	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.

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