CVE-2016-5766

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Summary

CVE	CVE-2016-5766
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2016-08-07 10:59:00 UTC
Updated	2019-04-22 17:48:00 UTC
Description	Integer overflow in the _gd2GetHeader function in gd_gd2.c in the GD Graphics Library (aka libgd) before 2.2.3, as used in

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Fedoraproject	Fedora	22	All	All	All
Operating System	Fedoraproject	Fedora	23	All	All	All
Operating System	Fedoraproject	Fedora	24	All	All	All
Operating System	Fedoraproject	Fedora	22	All	All	All
Operating System	Fedoraproject	Fedora	23	All	All	All
Operating System	Fedoraproject	Fedora	24	All	All	All
Operating System	Freebsd	Freebsd	10.0	All	All	All
Operating System	Freebsd	Freebsd	10.1	All	All	All
Operating System	Freebsd	Freebsd	10.2	All	All	All
Operating System	Freebsd	Freebsd	10.3	All	All	All
Operating System	Freebsd	Freebsd	8.0	All	All	All
Operating System	Freebsd	Freebsd	8.1	All	All	All
Operating System	Freebsd	Freebsd	8.2	All	All	All
Operating System	Freebsd	Freebsd	8.3	All	All	All
Operating System	Freebsd	Freebsd	8.4	All	All	All

Operating System	Freebsd	Freebsd	9.0	All	All	All
Operating System	Freebsd	Freebsd	9.1	All	All	All
Operating System	Freebsd	Freebsd	9.2	All	All	All
Operating System	Freebsd	Freebsd	9.3	All	All	All
Operating System	Freebsd	Freebsd	10.0	All	All	All
Operating System	Freebsd	Freebsd	10.1	All	All	All
Operating System	Freebsd	Freebsd	10.2	All	All	All
Operating System	Freebsd	Freebsd	10.3	All	All	All
Operating System	Freebsd	Freebsd	8.0	All	All	All
Operating System	Freebsd	Freebsd	8.1	All	All	All
Operating System	Freebsd	Freebsd	8.2	All	All	All
Operating System	Freebsd	Freebsd	8.3	All	All	All
Operating System	Freebsd	Freebsd	8.4	All	All	All
Operating System	Freebsd	Freebsd	9.0	All	All	All
Operating System	Freebsd	Freebsd	9.1	All	All	All
Operating System	Freebsd	Freebsd	9.2	All	All	All
Operating System	Freebsd	Freebsd	9.3	All	All	All
Application	Libgd	Libgd	2.2.2	All	All	All
Application	Libgd	Libgd	2.2.2	All	All	All
Application	Php	Php	5.6.0	alpha1	All	All
Application	Php	Php	5.6.0	alpha2	All	All
Application	Php	Php	5.6.0	alpha3	All	All
Application	Php	Php	5.6.0	alpha4	All	All
Application	Php	Php	5.6.0	alpha5	All	All
Application	Php	Php	5.6.0	beta1	All	All
Application	Php	Php	5.6.0	beta2	All	All
Application	Php	Php	5.6.0	beta3	All	All
Application	Php	Php	5.6.0	beta4	All	All
Application	Php	Php	5.6.1	All	All	All
Application	Php	Php	5.6.10	All	All	All
Application	Php	Php	5.6.11	All	All	All
Application	Php	Php	5.6.12	All	All	All
Application	Php	Php	5.6.13	All	All	All
Application	Php	Php	5.6.14	All	All	All
Application	Php	Php	5.6.15	All	All	All

Application	Php	Php	5.6.16	All	All	All
Application	Php	Php	5.6.17	All	All	All
Application	Php	Php	5.6.18	All	All	All
Application	Php	Php	5.6.19	All	All	All
Application	Php	Php	5.6.2	All	All	All
Application	Php	Php	5.6.20	All	All	All
Application	Php	Php	5.6.21	All	All	All
Application	Php	Php	5.6.22	All	All	All
Application	Php	Php	5.6.3	All	All	All
Application	Php	Php	5.6.4	All	All	All
Application	Php	Php	5.6.5	All	All	All
Application	Php	Php	5.6.6	All	All	All
Application	Php	Php	5.6.7	All	All	All
Application	Php	Php	5.6.8	All	All	All
Application	Php	Php	5.6.9	All	All	All
Application	Php	Php	7.0.0	All	All	All
Application	Php	Php	7.0.1	All	All	All
Application	Php	Php	7.0.2	All	All	All
Application	Php	Php	7.0.3	All	All	All
Application	Php	Php	7.0.4	All	All	All
Application	Php	Php	7.0.5	All	All	All
Application	Php	Php	7.0.6	All	All	All
Application	Php	Php	7.0.7	All	All	All
Application	Php	Php	All	All	All	All
Application	Php	Php	5.6.0	alpha1	All	All
Application	Php	Php	5.6.0	alpha2	All	All
Application	Php	Php	5.6.0	alpha3	All	All
Application	Php	Php	5.6.0	alpha4	All	All
Application	Php	Php	5.6.0	alpha5	All	All
Application	Php	Php	5.6.0	beta1	All	All
Application	Php	Php	5.6.0	beta2	All	All
Application	Php	Php	5.6.0	beta3	All	All
Application	Php	Php	5.6.0	beta4	All	All
Application	Php	Php	5.6.1	All	All	All
Application	Php	Php	5.6.10	All	All	All

Application	Php	Php	5.6.11	All	All	All
Application	Php	Php	5.6.12	All	All	All
Application	Php	Php	5.6.13	All	All	All
Application	Php	Php	5.6.14	All	All	All
Application	Php	Php	5.6.15	All	All	All
Application	Php	Php	5.6.16	All	All	All
Application	Php	Php	5.6.17	All	All	All
Application	Php	Php	5.6.18	All	All	All
Application	Php	Php	5.6.19	All	All	All
Application	Php	Php	5.6.2	All	All	All
Application	Php	Php	5.6.20	All	All	All
Application	Php	Php	5.6.21	All	All	All
Application	Php	Php	5.6.22	All	All	All
Application	Php	Php	5.6.3	All	All	All
Application	Php	Php	5.6.4	All	All	All
Application	Php	Php	5.6.5	All	All	All
Application	Php	Php	5.6.6	All	All	All
Application	Php	Php	5.6.7	All	All	All
Application	Php	Php	5.6.8	All	All	All
Application	Php	Php	5.6.9	All	All	All
Application	Php	Php	7.0.0	All	All	All
Application	Php	Php	7.0.1	All	All	All
Application	Php	Php	7.0.2	All	All	All
Application	Php	Php	7.0.3	All	All	All
Application	Php	Php	7.0.4	All	All	All
Application	Php	Php	7.0.5	All	All	All
Application	Php	Php	7.0.6	All	All	All
Application	Php	Php	7.0.7	All	All	All
Application	Php	Php	All	All	All	All
Operating System	Redhat	Enterprise Linux	5	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	5	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Openshift	2.0	All	enterprise	All

Operating System	Redhat	Openshift	2.0	All	enterprise	All

References

Reference	Source	Link
PHP :: Sec Bug #72339 :: Integer Overflow in _gd2GetHeader() resulting in heap overflow	CONFIRM	bugs.php.net
GD: Multiple vulnerabilities (GLSA 201612-09) — Gentoo security	GENTOO	security.gentoo.or
openSUSE-SU-2016:1922-1: moderate: Security update for php5	SUSE	lists.opensuse.org
USN-3030-1: GD library vulnerabilities | Ubuntu	UBUNTU	www.ubuntu.com
Fixed #72339 Integer Overflow in _gd2GetHeader() resulting in heap ov… · php/php-src@7722455 · GitHub	CONFIRM	github.com
LibGD 2.2.3 release	CONFIRM	libgd.github.io
Red Hat Customer Portal	REDHAT	rhn.redhat.com
Document Display | HPE Support Center	CONFIRM	h20566.www2.hp
PHP: PHP 7 ChangeLog	CONFIRM	php.net
[security-announce] SUSE-SU-2016:2013-1: important: Security update for	SUSE	lists.opensuse.org
oss-security - Re: CVE for PHP 5.5.37 issues	MLIST	www.openwall.co
Red Hat Customer Portal	REDHAT	rhn.redhat.com
Debian -- Security Information -- DSA-3619-1 libgd2	DEBIAN	www.debian.org
PHP: PHP 5 ChangeLog	CONFIRM	php.net
[security-announce] openSUSE-SU-2016:1761-1: important: Security update	SUSE	lists.opensuse.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

377230 Alibaba Cloud Linux Security Update for gd (ALINUX2-SA-2020:0194)

730227 McAfee Web Gateway Multiple Vulnerabilities (WP-3426, WP-3427, WP-3307, WP-3444, WP-3452, WP-3475)