

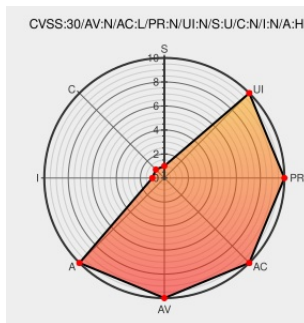


CVE-2015-8877

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CVE-2015-8877

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Libgd](#) from [Libgd](#) contain the following vulnerability:

The `gdImageScaleTwoPass` function in `gd_interpolation.c` in the GD Graphics Library (aka libgd) before 2.2.0, as used in PHP before 5.6.12, uses inconsistent allocate and free approaches, which allows remote attackers to cause a denial of service (memory consumption) via a crafted call, as demonstrated by a call to the PHP `imagescale` function.

CVE-2015-8877 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
gdImageScaleTwoPass() can leak memory · Issue #173 · libgd/libgd · GitHub	Patch github.com text/html	CONFIRM github.com/libgd/libgd/issues/173

USN-2987-1: GD library vulnerabilities Ubuntu	www.ubuntu.com text/html	 UBUNTU USN-2987-1
PHP :: Bug #70064 :: imagescale(..., IMG_BICUBIC) leaks memory	Exploit bugs.php.net text/html	 CONFIRM bugs.php.net/bug.php?id=70064
gdImageScaleTwoPass memory leak fix · libgd/libgd@4751b60 · GitHub	Patch github.com text/html	 CONFIRM github.com/libgd/libgd/commit/4751b606fa38edc456d627140898a7ec679fcc24
Debian -- Security Information -- DSA-3587-1 libgd2	www.debian.org Depreciated Link text/html	 DEBIAN DSA-3587
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	 REDHAT RHSA-2016:2750
PHP: PHP 5 ChangeLog	www.php.net text/html	 CONFIRM www.php.net/ChangeLog-5.php

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Libgd	Libgd	All	All	All	All
Application	Php	Php	All	All	All	All
cpe:2.3:a:libgd:libgd:*****:.*						
cpe:2.3:a:php:php:*****:.*						

No vendor comments have been submitted for this CVE

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