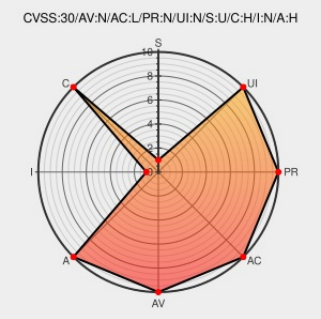
CVE-2016-1903

Published on: 01/18/2016 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:04 PM UTC

CVE-2016-1903

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Php from Php contain the following vulnerability:

The gdImageRotateInterpolated function in ext/gd/libgd/gd_interpolation.c in PHP before 5.5.31, 5.6.x before 5.6.17, and 7.x before 7.0.2 allows remote attackers to obtain sensitive information or cause a denial of service (out-of-bounds read and application crash) via a large bgd_color argument to the imagerotate function.

CVE-2016-1903 has been assigned by cve@mitre.org to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 9.1 - CRITICAL

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

CVSS2 Score: 6.4 - MEDIUM

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

CVE References

Description	Tags	Link
PHP 'gd_interpolation.c' Out of Bounds Read Memory Corruption Vulnerability	cve.report (archive) text/html	BID 79916
openSUSE-SU-2016:0251-1: moderate:	lists.opensuse.org	SUSE openSUSE-SU-2016:0251

Security update for php5	text/html	
USN-2952-2: PHP regression | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2952-2
openSUSE-SU-2016:0366-1: moderate: Security update for php5	lists.opensuse.org text/html	SUSE openSUSE-SU-2016:0366
PHP :: Bug #70976 :: Memory Read via gdImageRotateInterpolated Array Index Out of Bounds	Exploit bugs.php.net text/html	CONFIRM bugs.php.net/bug.php?id=70976
Document Display | HPE Support Center	h20566.www2.hpe.com text/html	CONFIRM h20566.www2.hpe.com/portal/site/hpsc/public/kb/docDisplay?docId=emr_na-c05240731
The Slackware Linux Project: Slackware Security Advisories	www.slackware.com text/html	SLACKWARE SSA:2016-034-04
oss-security - [CVE Request] Multiple PHP issues	www.openwall.com text/html	MLIST [oss-security] 20160115 [CVE Request] Multiple PHP issues
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:2750
USN-2952-1: PHP vulnerabilities | Ubuntu	www.ubuntu.com text/html	UBUNTU USN-2952-1
PHP Bugs May Let Remote Users Obtain Potentially Sensitive Information, Gain Elevated Privileges, or Execute Arbitrary Code - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1034608
PHP: PHP 7 ChangeLog	Vendor Advisory www.php.net text/html	CONFIRM www.php.net/ChangeLog-7.php
PHP: PHP 5 ChangeLog	Vendor Advisory www.php.net text/html	CONFIRM www.php.net/ChangeLog-5.php

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	5.6.2	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	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	5.6.2	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	All	All	All	All

cpe:2.3:a:php:php:5.6.0:alpha1:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:alpha2:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:alpha3:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:alpha4:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:alpha5:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:beta1:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:beta2:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:beta3:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:beta4:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.1:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.10:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.11:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.12:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.13:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.14:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.15:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.16:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.2:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.3:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.4:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.5:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.6:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.7:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.8:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.9:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:7.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:7.0.1:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:alpha1:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:alpha2:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:alpha3:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:alpha4:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:alpha5:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:beta1:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:beta2:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:beta3:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.0:beta4:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.1:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.10:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.11:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.12:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.13:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.14:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.15:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.16:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.2:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.3:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.4:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.5:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.6:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.7:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.8:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:5.6.9:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:7.0.0:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:7.0.1:*:*:*:*:*:*:*:

cpe:2.3:a:php:php:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→