



CVE-2009-4142

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2009-4142
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2009-12-21 16:30:00 UTC
Updated	2026-04-23 00:35:47 UTC
Description	The htmlspecialchars function in PHP before 5.2.12 does not properly handle (1) overlong UTF-8 sequences, (2) invalid Sh

Risk And Classification

Primary CVSS: v2.0 4.3 from nvd@nist.gov

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

Problem Types: CWE-79 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

Partial

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Php	Php	1.0	All	All	All

Application	Php	Php	2.0	All	All	All
Application	Php	Php	2.0b10	All	All	All
Application	Php	Php	3.0	All	All	All
Application	Php	Php	3.0.1	All	All	All
Application	Php	Php	3.0.10	All	All	All
Application	Php	Php	3.0.11	All	All	All
Application	Php	Php	3.0.12	All	All	All
Application	Php	Php	3.0.13	All	All	All
Application	Php	Php	3.0.14	All	All	All
Application	Php	Php	3.0.15	All	All	All
Application	Php	Php	3.0.16	All	All	All
Application	Php	Php	3.0.17	All	All	All
Application	Php	Php	3.0.18	All	All	All
Application	Php	Php	3.0.2	All	All	All
Application	Php	Php	3.0.3	All	All	All
Application	Php	Php	3.0.4	All	All	All
Application	Php	Php	3.0.5	All	All	All
Application	Php	Php	3.0.6	All	All	All
Application	Php	Php	3.0.7	All	All	All
Application	Php	Php	3.0.8	All	All	All
Application	Php	Php	3.0.9	All	All	All
Application	Php	Php	4	All	All	All
Application	Php	Php	4.0	All	All	All
Application	Php	Php	4.0	beta1	All	All
Application	Php	Php	4.0	beta2	All	All
Application	Php	Php	4.0	beta3	All	All
Application	Php	Php	4.0	beta4	All	All
Application	Php	Php	4.0	beta_4_patch1	All	All
Application	Php	Php	4.0	rc1	All	All
Application	Php	Php	4.0	rc2	All	All
Application	Php	Php	4.0.0	All	All	All
Application	Php	Php	4.0.1	All	All	All
Application	Php	Php	4.0.1	patch1	All	All
Application	Php	Php	4.0.1	patch2	All	All
Application	Php	Php	4.0.2	All	All	All
Application	Php	Php	4.0.3	All	All	All

Application	Php	Php	4.0.3	patch1	All	All
Application	Php	Php	4.0.4	All	All	All
Application	Php	Php	4.0.4	patch1	All	All
Application	Php	Php	4.0.5	All	All	All
Application	Php	Php	4.0.6	All	All	All
Application	Php	Php	4.0.7	All	All	All
Application	Php	Php	4.0.7	rc1	All	All
Application	Php	Php	4.0.7	rc2	All	All
Application	Php	Php	4.0.7	rc3	All	All
Application	Php	Php	4.0.7	rc4	All	All
Application	Php	Php	4.1.0	All	All	All
Application	Php	Php	4.1.1	All	All	All
Application	Php	Php	4.1.2	All	All	All
Application	Php	Php	4.2	All	dev	All
Application	Php	Php	4.2.0	All	All	All
Application	Php	Php	4.2.1	All	All	All
Application	Php	Php	4.2.2	All	All	All
Application	Php	Php	4.2.3	All	All	All
Application	Php	Php	4.3.0	All	All	All
Application	Php	Php	4.3.1	All	All	All
Application	Php	Php	4.3.10	All	All	All
Application	Php	Php	4.3.11	All	All	All
Application	Php	Php	4.3.2	All	All	All
Application	Php	Php	4.3.3	All	All	All
Application	Php	Php	4.3.4	All	All	All
Application	Php	Php	4.3.5	All	All	All
Application	Php	Php	4.3.6	All	All	All
Application	Php	Php	4.3.7	All	All	All
Application	Php	Php	4.3.8	All	All	All
Application	Php	Php	4.3.9	All	All	All
Application	Php	Php	4.4.0	All	All	All
Application	Php	Php	4.4.1	All	All	All
Application	Php	Php	4.4.2	All	All	All
Application	Php	Php	4.4.3	All	All	All
Application	Php	Php	4.4.4	All	All	All

Application	Php	Php	4.4.5	All	All	All
Application	Php	Php	4.4.6	All	All	All
Application	Php	Php	4.4.7	All	All	All
Application	Php	Php	4.4.8	All	All	All
Application	Php	Php	4.4.9	All	All	All
Application	Php	Php	5	All	All	All
Application	Php	Php	5.0	rc1	All	All
Application	Php	Php	5.0	rc2	All	All
Application	Php	Php	5.0	rc3	All	All
Application	Php	Php	5.0.0	All	All	All
Application	Php	Php	5.0.0	beta1	All	All
Application	Php	Php	5.0.0	beta2	All	All
Application	Php	Php	5.0.0	beta3	All	All
Application	Php	Php	5.0.0	beta4	All	All
Application	Php	Php	5.0.0	rc1	All	All
Application	Php	Php	5.0.0	rc2	All	All
Application	Php	Php	5.0.0	rc3	All	All
Application	Php	Php	5.0.1	All	All	All
Application	Php	Php	5.0.2	All	All	All
Application	Php	Php	5.0.3	All	All	All
Application	Php	Php	5.0.4	All	All	All
Application	Php	Php	5.0.5	All	All	All
Application	Php	Php	5.1.0	All	All	All
Application	Php	Php	5.1.1	All	All	All
Application	Php	Php	5.1.3	All	All	All
Application	Php	Php	5.1.4	All	All	All
Application	Php	Php	5.1.5	All	All	All
Application	Php	Php	5.1.6	All	All	All
Application	Php	Php	5.2.0	All	All	All
Application	Php	Php	5.2.1	All	All	All
Application	Php	Php	5.2.10	All	All	All
Application	Php	Php	5.2.2	All	All	All
Application	Php	Php	5.2.3	All	All	All
Application	Php	Php	5.2.4	All	All	All
Application	Php	Php	5.2.5	All	All	All
Application	Php	Php	5.2.6	All	All	All

Application	Php	Php	5.2.6	All	All	All
Application	Php	Php	5.2.8	All	All	All
Application	Php	Php	5.2.9	All	All	All
Application	Php	Php	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
Debian -- Security Information -- DSA-2001-1 php5	af854a3a-2127-422
PHP Bugs: #49785: htmlspecialchars() should check byte sequence more strictly	af854a3a-2127-422
PHP Multiple Vulnerabilities - Secunia Advisories - Vulnerability Information - Secunia.com	af854a3a-2127-422
Security Alerts - Secunia	af854a3a-2127-422
PHP: PHP 5 ChangeLog	af854a3a-2127-422
SecurityTracker.com Archives - PHP Input Validation Flaw in htmlspecialchars() Permits Cross-Site Scripting Attacks	af854a3a-2127-422
Repository / Oval Repository	af854a3a-2127-422
'[security bulletin] HPSBUX02543 SSRT100152 rev.1 - HP-UX Running Apache with PHP, Remote Denial of S' - MARC	af854a3a-2127-422
PHP 'htmlspecialchars()' Malformed Multibyte Character Cross Site Scripting Vulnerability	af854a3a-2127-422
APPLE-SA-2010-03-29-1 Security Update 2010-002 / Mac OS X v10.6.3	af854a3a-2127-422
Repository / Oval Repository	af854a3a-2127-422
PHP: PHP 5.2.12 Release Announcement	af854a3a-2127-422
About the security content of Security Update 2010-002 / Mac OS X v10.6.3	af854a3a-2127-422
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH	af854a3a-2127-422
HP-UX update for Apache with PHP - Advisories - Community	af854a3a-2127-422
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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