



# CVE-2015-8391

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2015-8391
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2015-12-02 01:59:00 UTC
<b>Updated</b>	2023-02-16 14:15:00 UTC
<b>Description</b>	The pcre_compile function in pcre_compile.c in PCRE before 8.38 mishandles certain [: nesting, which allows remote attack

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	22	All	All	All
Operating System	<a href="#">Oracle</a>	<a href="#">Linux</a>	7	-	All	All
Application	<a href="#">Pcre</a>	<a href="#">Pcre</a>	All	All	All	All
Application	<a href="#">Pcre</a>	<a href="#">Perl Compatible Regular Expression Library</a>	All	All	All	All
Application	<a href="#">Php</a>	<a href="#">Php</a>	All	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Desktop</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Eus</a>	7.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Eus</a>	7.3	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Eus</a>	7.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Eus</a>	7.5	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Eus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Eus</a>	7.7	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.3	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.6	All	All	All

Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Aus</a>	7.7	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.2	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.3	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.7	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	7.0	All	All	All

## References

Reference	Source	Link	Tags
IBM Security Bulletin: Multiple vulnerabilities in PCRE affect PowerKVM - United States	CONFIRM	<a href="http://www-01.ibm.com">www-01.ibm.com</a>	
December 2015 PCRE Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="http://security.netapp.com">security.netapp.com</a>	
ViewVC Exception	CONFIRM	<a href="http://vcs.pcre.org">vcs.pcre.org</a>	
Broadcom Support Portal	CONFIRM	<a href="http://bto.bluecoat.com">bto.bluecoat.com</a>	
[SECURITY] Fedora 22 Update: pcre-8.38-1.fc22	FEDORA	<a href="http://lists.fedoraproject.org">lists.fedoraproject.org</a>	
Document Display   HPE Support Center	CONFIRM	<a href="http://h20566.www2.hp.com">h20566.www2.hp.com</a>	
PCRE Multiple Security Vulnerabilities	BID	<a href="http://www.securityfocus.com">www.securityfocus.com</a>	
Oracle Linux Bulletin - April 2016	CONFIRM	<a href="http://www.oracle.com">www.oracle.com</a>	
libpcre: Multiple Vulnerabilities (GLSA 201607-02) — Gentoo security	GENTOO	<a href="http://security.gentoo.org">security.gentoo.org</a>	
Red Hat Customer Portal	REDHAT	<a href="http://access.redhat.com">access.redhat.com</a>	
oss-security - Re: Heap Overflow in PCRE	MLIST	<a href="http://www.openwall.com">www.openwall.com</a>	
Red Hat Customer Portal	REDHAT	<a href="http://rhn.redhat.com">rhn.redhat.com</a>	
Red Hat Customer Portal	REDHAT	<a href="http://rhn.redhat.com">rhn.redhat.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, a

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[20390](#) IBM DB2 Multiple Vulnerabilities (7087225)

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