



# CVE-2015-3217

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

## Summary

<b>CVE</b>	CVE-2015-3217
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2016-12-13 16:59:00 UTC
<b>Updated</b>	2018-05-18 01:29:00 UTC
<b>Description</b>	PCRE 7.8 and 8.32 through 8.37, and PCRE2 10.10 mishandle group empty matches, which might allow remote attackers

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	ibm	Powerkvm	2.1	All	All	All
Application	ibm	Powerkvm	3.1	All	All	All
Application	ibm	Powerkvm	2.1	All	All	All
Application	ibm	Powerkvm	3.1	All	All	All
Application	Pcre	Pcre	7.8	All	All	All
Application	Pcre	Pcre	8.32	All	All	All
Application	Pcre	Pcre	8.33	All	All	All
Application	Pcre	Pcre	8.34	All	All	All
Application	Pcre	Pcre	8.35	All	All	All
Application	Pcre	Pcre	8.36	All	All	All
Application	Pcre	Pcre	8.37	All	All	All
Application	Pcre	Pcre	7.8	All	All	All
Application	Pcre	Pcre	8.32	All	All	All
Application	Pcre	Pcre	8.33	All	All	All
Application	Pcre	Pcre	8.34	All	All	All
Application	Pcre	Pcre	8.35	All	All	All
Application	Pcre	Pcre	8.36	All	All	All

Application	<a href="#">Pcre</a>	<a href="#">Pcre</a>	8.37	All	All	All
Application	<a href="#">Pcre</a>	<a href="#">Pcre2</a>	10.10	All	All	All
Application	<a href="#">Pcre</a>	<a href="#">Pcre2</a>	10.10	All	All	All

## References

Reference	Source	Link
IBM Security Bulletin: Multiple vulnerabilities in PCRE affect PowerKVM - United States	CONFIRM	<a href="#">www-0</a>
PCRE 'match()' Function Stack Buffer Overflow Vulnerability	BID	<a href="#">www.s</a>
1228283 – (CVE-2015-3217) CVE-2015-3217 pcre: stack overflow caused by mishandled group empty match (8.38/11)	CONFIRM	<a href="#">bugzill</a>
[pcre] Revision 1566	CONFIRM	<a href="#">vcs.pc</a>
Oracle Linux Bulletin - April 2016	CONFIRM	<a href="#">www.c</a>
oss-security - CVE-2015-3217: PCRE Library Call Stack Overflow Vulnerability in match()	MLIST	<a href="#">www.c</a>
Red Hat Customer Portal	REDHAT	<a href="#">access</a>
Red Hat Customer Portal	REDHAT	<a href="#">rhn.rec</a>
Red Hat Customer Portal	REDHAT	<a href="#">rhn.rec</a>
Bug 1638 – PCRE Library Call Stack Overflow Vulnerability in match()	CONFIRM	<a href="#">bugs.e</a>
CVE Program record	CVE.ORG	<a href="#">www.c</a>
NVD vulnerability detail	NVD	<a href="#">nvd.ni</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[670287](#) EulerOS Security Update for glib2 (EulerOS-SA-2021-1789)

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