

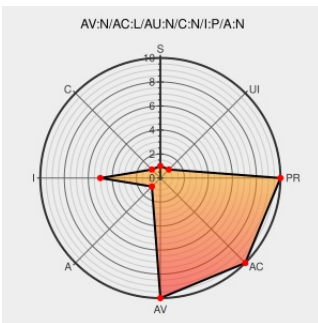


CVE-2012-4522

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CVE-2012-4522

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

Certain versions of [Ruby](#) from [Ruby-lang](#) contain the following vulnerability:

The `rb_get_path_check` function in `file.c` in Ruby 1.9.3 before patchlevel 286 and Ruby 2.0.0 before r37163 allows context-dependent attackers to create files in unexpected locations or with unexpected names via a NUL byte in a file path.

CVE-2012-4522 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: **5 - MEDIUM**

Access
Vector

NETWORK

Access
Complexity

LOW

Authentication

NONE

Confidentiality
Impact

NONE

Integrity
Impact

PARTIAL

Availability
Impact

NONE

CVE References

Description

Tags

Link

oss-security - CVE request: ruby file creation due in insertion of illegal NUL character

www.openwall.com
text/html

[MLIST \[oss-security\] 20121012 CVE request: ruby file creation due in insertion of illegal NUL character](#)

[ruby] Revision 37163

svn.ruby-lang.org
text/html

[MISC svn.ruby-lang.org/cgi-bin/viewvc.cgi?view=revision&revision=37163](http://svn.ruby-lang.org/cgi-bin/viewvc.cgi?view=revision&revision=37163)

Red Hat Customer Portal

web.archive.org
text/html
Inactive Link **Not Archived**

[REDHAT RHSA-2013:0129](#)

oss-security - Re: CVE request: ruby file creation due in insertion of illegal NUL character

www.openwall.com
text/html

[MLIST \[oss-security\] 20121016 Re: CVE request: ruby file creation due in insertion of illegal NUL character](#)

[SECURITY] Fedora 18 Update: ruby-1.9.3.286-19.fc18

lists.fedoraproject.org
text/html

[FEDORA FEDORA-2012-16071](#)

[SECURITY] Fedora 17 Update: ruby-1.9.3.286-18.fc17

[lists.fedoraproject.org](https://lists.fedoraproject.org/text/html)
text/html

 FEDORA FEDORA-2012-16086

Unintentional file creation caused by inserting an illegal NUL character (CVE-2012-4522)

www.ruby-lang.org
text/html

 CONFIRM www.ruby-lang.org/en/news/2012/10/12/poisoned-NUL-byte-vulnerability/

oss-security - Re: CVE request: ruby file creation due in insertion of illegal NUL character

www.openwall.com
text/html

 MLIST [oss-security] 20121013 Re: CVE request: ruby file creation due in insertion of illegal NUL character

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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	Ruby-lang	Ruby	1.9.3	All	All	All
Application	Ruby-lang	Ruby	2.0.0	All	All	All
Application	Ruby-lang	Ruby	1.9.3	All	All	All
Application	Ruby-lang	Ruby	2.0.0	All	All	All
cpe:2.3:a:ruby-lang:ruby:1.9.3:*:*:*:*:*:						
cpe:2.3:a:ruby-lang:ruby:2.0.0:*:*:*:*:*:						
cpe:2.3:a:ruby-lang:ruby:1.9.3:*:*:*:*:*:						
cpe:2.3:a:ruby-lang:ruby:2.0.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

[← Previous ID](#)

[Next ID →](#)

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