

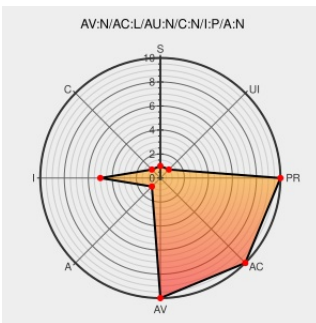


CVE-2012-4466

Published on: 04/25/2013 12:00:00 AM UTC

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CVE-2012-4466

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

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

Ruby 1.8.7 before patchlevel 371, 1.9.3 before patchlevel 286, and 2.0 before revision r37068 allows context-dependent attackers to bypass safe-level restrictions and modify untainted strings via the `name_err_mesg_to_str` API function, which marks the string as tainted, a different vulnerability than CVE-2011-1005.

CVE-2012-4466 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: **5 - MEDIUM**

Access
Vector

Access
Complexity

Authentication

NETWORK

LOW

NONE

Confidentiality
Impact

Integrity
Impact

Availability
Impact

NONE

PARTIAL

NONE

CVE References

Description

Tags

Link

[SECURITY] Fedora 18 Update: ruby-1.9.3.194-18.fc18

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

[FEDORA FEDORA-2012-15376](#)

Support / Security / Advisories // MDVSA-2013:124 | Mandriva

www.mandriva.com
text/html

[MANDRIVA MDVSA-2013:124](#)

[ruby] Revision 37068

[svn.ruby-lang.org](https://svn.ruby-lang.org/text/html)
text/html

[MISC svn.ruby-lang.org/cgi-bin/viewvc.cgi?view=revision&revision=37068](https://svn.ruby-lang.org/cgi-bin/viewvc.cgi?view=revision&revision=37068)

oss-security - Re: CVE Request: Ruby safe level bypasses

www.openwall.com
text/html

[MLIST \[oss-security\] 20121003 Re: CVE Request: Ruby safe level bypasses](#)

oss-security - CVE Request: Ruby safe level bypasses

www.openwall.com
text/html

[MLIST \[oss-security\] 20121002 CVE Request: Ruby safe level bypasses](#)

\$SAFE escaping vulnerability about Exception#to_s /

[Ruby-lang](#)

[CONFIRM www.ruby-](#)

\$SAFE escaping vulnerability about Exception#to_s /
NameError#to_s (CVE-2012-4464, CVE-2012-4466)

Vendor Advisory
www.ruby-lang.org
text/html

 **CONFIRM** www.ruby-lang.org/en/news/2012/10/12/cve-2012-4464-cve-2012-4466/

862614 – (CVE-2012-4466) CVE-2012-4466 ruby: safe level
bypass via name_err_mesg_to_str()

bugzilla.redhat.com
text/html

 **CONFIRM**
bugzilla.redhat.com/show_bug.cgi?id=862614

Support/Advisories/MGASA-2012-0294 - Mageia wiki

wiki.mageia.org
text/html

 **CONFIRM**
wiki.mageia.org/en/Support/Advisories/MGASA-2012-0294

[SECURITY] Fedora 17 Update: ruby-1.9.3.194-17.fc17

lists.fedoraproject.org
text/html

 **FEDORA** [FEDORA-2012-15395](https://fedoraproject.org/wiki/FEDORA-2012-15395)

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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	1.8.7	All	All	All
Application	Ruby-lang	Ruby	1.8.7	p160	All	All
Application	Ruby-lang	Ruby	1.8.7	p17	All	All
Application	Ruby-lang	Ruby	1.8.7	p173	All	All
Application	Ruby-lang	Ruby	1.8.7	p174	All	All
Application	Ruby-lang	Ruby	1.8.7	p22	All	All
Application	Ruby-lang	Ruby	1.8.7	p248	All	All
Application	Ruby-lang	Ruby	1.8.7	p249	All	All
Application	Ruby-lang	Ruby	1.8.7	p299	All	All
Application	Ruby-lang	Ruby	1.8.7	p301	All	All
Application	Ruby-lang	Ruby	1.8.7	p302	All	All
Application	Ruby-lang	Ruby	1.8.7	p330	All	All
Application	Ruby-lang	Ruby	1.8.7	p334	All	All
Application	Ruby-lang	Ruby	1.8.7	p352	All	All
Application	Ruby-lang	Ruby	1.8.7	p357	All	All
Application	Ruby-lang	Ruby	1.8.7	p358	All	All
Application	Ruby-lang	Ruby	1.8.7	p370	All	All
Application	Ruby-lang	Ruby	1.8.7	p71	All	All
Application	Ruby-lang	Ruby	1.8.7	p72	All	All
Application	Ruby-lang	Ruby	1.8.7	preview1	All	All
Application	Ruby-lang	Ruby	1.8.7	preview2	All	All

Application	Ruby-lang	Ruby	1.8.7	preview3	All	All
Application	Ruby-lang	Ruby	1.8.7	preview4	All	All
Application	Ruby-lang	Ruby	1.9.3	All	All	All
Application	Ruby-lang	Ruby	1.9.3	p0	All	All
Application	Ruby-lang	Ruby	1.9.3	p125	All	All
Application	Ruby-lang	Ruby	1.9.3	p194	All	All
Application	Ruby-lang	Ruby	2.0	All	All	All
Application	Ruby-lang	Ruby	2.0.0	All	All	All
Application	Ruby-lang	Ruby	2.0.0	p0	All	All
Application	Ruby-lang	Ruby	2.0.0	preview1	All	All
Application	Ruby-lang	Ruby	2.0.0	preview2	All	All
Application	Ruby-lang	Ruby	2.0.0	rc1	All	All
Application	Ruby-lang	Ruby	2.0.0	rc2	All	All
Application	Ruby-lang	Ruby	1.8.7	All	All	All
Application	Ruby-lang	Ruby	1.8.7	p160	All	All
Application	Ruby-lang	Ruby	1.8.7	p17	All	All
Application	Ruby-lang	Ruby	1.8.7	p173	All	All
Application	Ruby-lang	Ruby	1.8.7	p174	All	All
Application	Ruby-lang	Ruby	1.8.7	p22	All	All
Application	Ruby-lang	Ruby	1.8.7	p248	All	All
Application	Ruby-lang	Ruby	1.8.7	p249	All	All
Application	Ruby-lang	Ruby	1.8.7	p299	All	All
Application	Ruby-lang	Ruby	1.8.7	p301	All	All
Application	Ruby-lang	Ruby	1.8.7	p302	All	All
Application	Ruby-lang	Ruby	1.8.7	p330	All	All
Application	Ruby-lang	Ruby	1.8.7	p334	All	All
Application	Ruby-lang	Ruby	1.8.7	p352	All	All
Application	Ruby-lang	Ruby	1.8.7	p357	All	All
Application	Ruby-lang	Ruby	1.8.7	p358	All	All
Application	Ruby-lang	Ruby	1.8.7	p370	All	All
Application	Ruby-lang	Ruby	1.8.7	p71	All	All
Application	Ruby-lang	Ruby	1.8.7	p72	All	All
Application	Ruby-lang	Ruby	1.8.7	preview1	All	All
Application	Ruby-lang	Ruby	1.8.7	preview2	All	All
Application	Ruby-lang	Ruby	1.8.7	preview3	All	All

Application	Ruby-lang	Ruby	1.8.7	preview4	All	All
Application	Ruby-lang	Ruby	1.9.3	All	All	All
Application	Ruby-lang	Ruby	1.9.3	p0	All	All
Application	Ruby-lang	Ruby	1.9.3	p125	All	All
Application	Ruby-lang	Ruby	1.9.3	p194	All	All
Application	Ruby-lang	Ruby	2.0	All	All	All
Application	Ruby-lang	Ruby	2.0.0	All	All	All
Application	Ruby-lang	Ruby	2.0.0	p0	All	All
Application	Ruby-lang	Ruby	2.0.0	preview1	All	All
Application	Ruby-lang	Ruby	2.0.0	preview2	All	All
Application	Ruby-lang	Ruby	2.0.0	rc1	All	All
Application	Ruby-lang	Ruby	2.0.0	rc2	All	All
cpe:2.3:a:ruby-lang:ruby:1.8.7:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p160:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p17:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p173:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p174:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p22:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p248:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p249:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p299:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p301:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p302:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p330:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p334:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p352:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p357:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p358:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p370:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p71:*****:.*:						
cpe:2.3:a:ruby-lang:ruby:1.8.7:p72:*****:.*:						

cpe:2.3:a:ruby-lang:ruby:1.8.7:preview1:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:preview2:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:preview3:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:preview4:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.9.3:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.9.3:p0:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.9.3:p125:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.9.3:p194:*****:~:
cpe:2.3:a:ruby-lang:ruby:2.0:*****:~:
cpe:2.3:a:ruby-lang:ruby:2.0.0:*****:~:
cpe:2.3:a:ruby-lang:ruby:2.0.0:p0:*****:~:
cpe:2.3:a:ruby-lang:ruby:2.0.0:preview1:*****:~:
cpe:2.3:a:ruby-lang:ruby:2.0.0:preview2:*****:~:
cpe:2.3:a:ruby-lang:ruby:2.0.0:rc1:*****:~:
cpe:2.3:a:ruby-lang:ruby:2.0.0:rc2:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p160:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p17:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p173:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p174:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p22:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p248:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p249:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p299:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p301:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p302:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p330:*****:~:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p334:*****:~:

cpe:2.3:a:ruby-lang:ruby:1.8.7:p352:*****:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p357:*****:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p358:*****:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p370:*****:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p71:*****:
cpe:2.3:a:ruby-lang:ruby:1.8.7:p72:*****:
cpe:2.3:a:ruby-lang:ruby:1.8.7:preview1:*****:
cpe:2.3:a:ruby-lang:ruby:1.8.7:preview2:*****:
cpe:2.3:a:ruby-lang:ruby:1.8.7:preview3:*****:
cpe:2.3:a:ruby-lang:ruby:1.8.7:preview4:*****:
cpe:2.3:a:ruby-lang:ruby:1.9.3:*****:
cpe:2.3:a:ruby-lang:ruby:1.9.3:p0:*****:
cpe:2.3:a:ruby-lang:ruby:1.9.3:p125:*****:
cpe:2.3:a:ruby-lang:ruby:1.9.3:p194:*****:
cpe:2.3:a:ruby-lang:ruby:2.0:*****:
cpe:2.3:a:ruby-lang:ruby:2.0.0:*****:
cpe:2.3:a:ruby-lang:ruby:2.0.0:p0:*****:
cpe:2.3:a:ruby-lang:ruby:2.0.0:preview1:*****:
cpe:2.3:a:ruby-lang:ruby:2.0.0:preview2:*****:
cpe:2.3:a:ruby-lang:ruby:2.0.0:rc1:*****:
cpe:2.3:a:ruby-lang:ruby:2.0.0:rc2:*****:

No vendor comments have been submitted for this CVE

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