CVE-2015-7581

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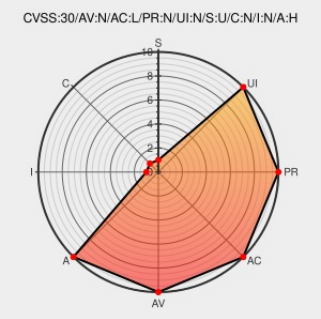
CVE-2015-7581

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Rails from Rubyonrails contain the following vulnerability:

actionpack/lib/action_dispatch/routing/route_set.rb in Action Pack in Ruby on Rails 4.x before 4.2.5.1 and 5.x before 5.0.0.beta1.1 allows remote attackers to cause a denial of service (superfluous caching and memory consumption) by leveraging an application's use of a wildcard controller route.

CVE-2015-7581 has been assigned by secalert@redhat.com to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Debian -- Security Information -- DSA-3464-1 rails	www.debian.org Depreciated Link text/html	DEBIAN DSA-3464

Ruby on Rails Action Pack CVE-2015-7581 Information Disclosure Vulnerability	cve.report (archive) text/html	BID 81677
	groups.google.com text/x-ruby	MLIST [ruby-security-ann] 20160125 [CVE-2015-7581] Object leak vulnerability for wildcard controller routes in Action Pack
Rails Multiple Bugs Let Remote Users Determine Passwords, Modify Records, Bypass Security Restrictions, Deny Service, and Conduct Cross-Site Scripting Attacks - SecurityTracker	www.securitytracker.com text/html	SECTRACK 1034816
[SECURITY] Fedora 23 Update: rubygem-actionpack-4.2.3-4.fc23	lists.fedoraproject.org text/html	FEDORA FEDORA-2016-f486068393
[security-announce] SUSE-SU-2016:1146-1: important: Security update for	lists.opensuse.org text/html	SUSE SUSE-SU-2016:1146
openSUSE-SU-2016:0372-1: moderate: Security update for rubygem-actionpac	lists.opensuse.org text/html	SUSE openSUSE-SU-2016:0372
oss-security - [CVE-2015-7581] Object leak vulnerability for wildcard controller routes in Action Pack	www.openwall.com text/x-ruby	MLIST [oss-security] 20160125 [CVE-2015-7581] Object leak vulnerability for wildcard controller routes in Action Pack
Red Hat Customer Portal	web.archive.org text/html Inactive Link Not Archived	REDHAT RHSA-2016:0296
[SECURITY] Fedora 22 Update: rubygem-activemodel-4.2.0-2.fc22	lists.fedoraproject.org text/html	FEDORA FEDORA-2016-94e71ee673

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Rubyonrails	Rails	4.0.0	-	All	All
Application	Rubyonrails	Rails	4.0.0	beta	All	All
Application	Rubyonrails	Rails	4.0.0	rc1	All	All
Application	Rubyonrails	Rails	4.0.0	rc2	All	All
Application	Rubyonrails	Rails	4.0.1	-	All	All
Application	Rubyonrails	Rails	4.0.1	rc1	All	All
Application	Rubyonrails	Rails	4.0.1	rc2	All	All
Application	Rubyonrails	Rails	4.0.1	rc3	All	All
Application	Rubyonrails	Rails	4.0.1	rc4	All	All
Application	Rubyonrails	Rails	4.0.10	rc1	All	All

Application	Rubyonrails	Rails	4.0.2	All	All	All
Application	Rubyonrails	Rails	4.0.3	All	All	All
Application	Rubyonrails	Rails	4.0.4	All	All	All
Application	Rubyonrails	Rails	4.0.5	All	All	All
Application	Rubyonrails	Rails	4.0.6	All	All	All
Application	Rubyonrails	Rails	4.0.6	rc1	All	All
Application	Rubyonrails	Rails	4.0.6	rc2	All	All
Application	Rubyonrails	Rails	4.0.6	rc3	All	All
Application	Rubyonrails	Rails	4.0.7	All	All	All
Application	Rubyonrails	Rails	4.0.8	All	All	All
Application	Rubyonrails	Rails	4.0.9	All	All	All
Application	Rubyonrails	Rails	4.1.0	-	All	All
Application	Rubyonrails	Rails	4.1.0	beta1	All	All
Application	Rubyonrails	Rails	4.1.1	All	All	All
Application	Rubyonrails	Rails	4.1.2	All	All	All
Application	Rubyonrails	Rails	4.1.2	rc1	All	All
Application	Rubyonrails	Rails	4.1.2	rc2	All	All
Application	Rubyonrails	Rails	4.1.2	rc3	All	All
Application	Rubyonrails	Rails	4.1.3	All	All	All
Application	Rubyonrails	Rails	4.1.4	All	All	All
Application	Rubyonrails	Rails	4.1.5	All	All	All
Application	Rubyonrails	Rails	4.1.6	rc1	All	All
Application	Rubyonrails	Rails	4.1.7	All	All	All
Application	Rubyonrails	Rails	4.1.8	All	All	All
Application	Rubyonrails	Rails	4.2.0	beta1	All	All
Application	Rubyonrails	Rails	4.2.1	All	All	All
Application	Rubyonrails	Rails	4.2.2	All	All	All
Application	Rubyonrails	Rails	4.2.3	All	All	All
Application	Rubyonrails	Rails	4.2.4	All	All	All
Application	Rubyonrails	Rails	4.2.5	All	All	All
Application	Rubyonrails	Rails	5.0.0	beta1	All	All
Application	Rubyonrails	Rails	4.0.0	-	All	All
Application	Rubyonrails	Rails	4.0.0	beta	All	All
Application	Rubyonrails	Rails	4.0.0	rc1	All	All
Application	Rubyonrails	Rails	4.0.0	rc2	All	All

Application	Rubyonrails	Rails	4.0.1	-	All	All
Application	Rubyonrails	Rails	4.0.1	rc1	All	All
Application	Rubyonrails	Rails	4.0.1	rc2	All	All
Application	Rubyonrails	Rails	4.0.1	rc3	All	All
Application	Rubyonrails	Rails	4.0.1	rc4	All	All
Application	Rubyonrails	Rails	4.0.10	rc1	All	All
Application	Rubyonrails	Rails	4.0.2	All	All	All
Application	Rubyonrails	Rails	4.0.3	All	All	All
Application	Rubyonrails	Rails	4.0.4	All	All	All
Application	Rubyonrails	Rails	4.0.5	All	All	All
Application	Rubyonrails	Rails	4.0.6	All	All	All
Application	Rubyonrails	Rails	4.0.6	rc1	All	All
Application	Rubyonrails	Rails	4.0.6	rc2	All	All
Application	Rubyonrails	Rails	4.0.6	rc3	All	All
Application	Rubyonrails	Rails	4.0.7	All	All	All
Application	Rubyonrails	Rails	4.0.8	All	All	All
Application	Rubyonrails	Rails	4.0.9	All	All	All
Application	Rubyonrails	Rails	4.1.0	-	All	All
Application	Rubyonrails	Rails	4.1.0	beta1	All	All
Application	Rubyonrails	Rails	4.1.1	All	All	All
Application	Rubyonrails	Rails	4.1.2	All	All	All
Application	Rubyonrails	Rails	4.1.2	rc1	All	All
Application	Rubyonrails	Rails	4.1.2	rc2	All	All
Application	Rubyonrails	Rails	4.1.2	rc3	All	All
Application	Rubyonrails	Rails	4.1.3	All	All	All
Application	Rubyonrails	Rails	4.1.4	All	All	All
Application	Rubyonrails	Rails	4.1.5	All	All	All
Application	Rubyonrails	Rails	4.1.6	rc1	All	All
Application	Rubyonrails	Rails	4.1.7	All	All	All
Application	Rubyonrails	Rails	4.1.8	All	All	All
Application	Rubyonrails	Rails	4.2.0	beta1	All	All
Application	Rubyonrails	Rails	4.2.1	All	All	All
Application	Rubyonrails	Rails	4.2.2	All	All	All
Application	Rubyonrails	Rails	4.2.3	All	All	All
Application	Rubyonrails	Rails	4.2.4	All	All	All
Application	Rubyonrails	Rails	4.2.5	All	All	All

Application	Rubyonrails	Rails	5.0.0	beta1	All	All

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- cpe:2.3:a:rubyonrails:rails:4.0.0:rc1:*:*:*:*:*:*:
- cpe:2.3:a:rubyonrails:rails:4.0.0:rc2:*:*:*:*:*:*:
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No vendor comments have been submitted for this CVE

← Previous ID Next ID→