



# CVE-2017-0902

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

## Summary

<b>CVE</b>	CVE-2017-0902
<b>State</b>	PUBLIC
<b>Assigner</b>	support@hackerone.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-08-31 20:29:00 UTC
<b>Updated</b>	2019-10-09 23:21:00 UTC
<b>Description</b>	RubyGems version 2.6.12 and earlier is vulnerable to a DNS hijacking vulnerability that allows a MITM attacker to force the

## Risk And Classification

**Problem Types:** CWE-346

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	17.10	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	14.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	16.04	All	All	All
Operating System	<a href="#">Canonical</a>	<a href="#">Ubuntu Linux</a>	17.10	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	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 Desktop</a>	7.0	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</a>	7.0	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>	7.4	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 Eus</a>	7.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.5	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.4	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.5	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Eus</a>	7.6	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Server Tus</a>	7.4	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>	7.4	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 Workstation</a>	7.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux Workstation</a>	7.0	All	All	All
Application	<a href="#">Rubygems</a>	<a href="#">Rubygems</a>	All	All	All	All

## References

Reference	Source
<a href="#">Red Hat Customer Portal</a>	RED
<a href="#">[SECURITY] [DLA 1421-1] ruby2.1 security update</a>	MLIS
<a href="#">Red Hat Customer Portal</a>	RED
<a href="#">RubyGems: Multiple vulnerabilities (GLSA 201710-01) — Gentoo security</a>	GEN
<a href="#">2.6.13 Released - RubyGems Blog</a>	MISC
<a href="#">USN-3553-1: Ruby vulnerabilities   Ubuntu security notices</a>	UBU
<a href="#">Ruby Flaws in RubyGems Let Remote Users Hijack the DNS and Overwrite Files and Let Local Users Deny Service - SecurityTracker</a>	SEC
<a href="#">USN-3685-1: Ruby vulnerabilities   Ubuntu security notices</a>	UBU
<a href="#">[RemoteFetcher] Avoid DNS Hijacking Vulnerability · rubygems/rubygems@8d91516 · GitHub</a>	MISC
<a href="#">RubyGems CVE-2017-0902 Security Bypass Vulnerability</a>	BID
<a href="#">Red Hat Customer Portal</a>	RED
<a href="#">Red Hat Customer Portal</a>	RED
<a href="#">Debian -- Security Information -- DSA-3966-1 ruby2.3</a>	DEB
<a href="#">HackerOne</a>	MISC
<a href="#">CVE Program record</a>	CVE
<a href="#">NVD vulnerability detail</a>	NVD

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

500608 Alpine Linux Security Update for ruby

504368 Alpine Linux Security Update for ruby

710352 Gentoo Linux RubyGems Multiple Vulnerabilities (GLSA 201710-01)

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