



CVE-2017-0903

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

Summary

CVE	CVE-2017-0903
State	PUBLIC
Assigner	support@hackerone.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-10-11 18:29:00 UTC
Updated	2019-10-09 23:21:00 UTC
Description	RubyGems versions between 2.0.0 and 2.6.13 are vulnerable to a possible remote code execution vulnerability. YAML des

Risk And Classification

Problem Types: CWE-502

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	17.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Desktop	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Aus	7.4	All	All	All

Operating System	Redhat	Enterprise Linux Server Aus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.5	All	All	All
Operating System	Redhat	Enterprise Linux Server Eus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.4	All	All	All
Operating System	Redhat	Enterprise Linux Server Tus	7.6	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Operating System	Redhat	Enterprise Linux Workstation	7.0	All	All	All
Application	Rubygems	Rubygems	2.0.0	All	All	All
Application	Rubygems	Rubygems	2.0.0	preview2	All	All
Application	Rubygems	Rubygems	2.0.0	preview2.1	All	All
Application	Rubygems	Rubygems	2.0.0	preview2.2	All	All
Application	Rubygems	Rubygems	2.0.0	rc1	All	All
Application	Rubygems	Rubygems	2.0.0	rc2	All	All
Application	Rubygems	Rubygems	2.0.1	All	All	All
Application	Rubygems	Rubygems	2.0.10	All	All	All
Application	Rubygems	Rubygems	2.0.11	All	All	All
Application	Rubygems	Rubygems	2.0.12	All	All	All
Application	Rubygems	Rubygems	2.0.13	All	All	All
Application	Rubygems	Rubygems	2.0.14	All	All	All
Application	Rubygems	Rubygems	2.0.15	All	All	All
Application	Rubygems	Rubygems	2.0.16	All	All	All
Application	Rubygems	Rubygems	2.0.17	All	All	All
Application	Rubygems	Rubygems	2.0.2	All	All	All
Application	Rubygems	Rubygems	2.0.3	All	All	All
Application	Rubygems	Rubygems	2.0.4	All	All	All
Application	Rubygems	Rubygems	2.0.5	All	All	All
Application	Rubygems	Rubygems	2.0.6	All	All	All
Application	Rubygems	Rubygems	2.0.7	All	All	All
Application	Rubygems	Rubygems	2.0.8	All	All	All

Application	Rubygems	Rubygems	2.0.9	All	All	All
Application	Rubygems	Rubygems	2.1.0	All	All	All
Application	Rubygems	Rubygems	2.1.0.rc.1	All	All	All
Application	Rubygems	Rubygems	2.1.0.rc.2	All	All	All
Application	Rubygems	Rubygems	2.1.1	All	All	All
Application	Rubygems	Rubygems	2.1.10	All	All	All
Application	Rubygems	Rubygems	2.1.11	All	All	All
Application	Rubygems	Rubygems	2.1.2	All	All	All
Application	Rubygems	Rubygems	2.1.3	All	All	All
Application	Rubygems	Rubygems	2.1.4	All	All	All
Application	Rubygems	Rubygems	2.1.5	All	All	All
Application	Rubygems	Rubygems	2.1.6	All	All	All
Application	Rubygems	Rubygems	2.1.7	All	All	All
Application	Rubygems	Rubygems	2.1.8	All	All	All
Application	Rubygems	Rubygems	2.1.9	All	All	All
Application	Rubygems	Rubygems	2.2.0	All	All	All
Application	Rubygems	Rubygems	2.2.0.preiew.1	All	All	All
Application	Rubygems	Rubygems	2.2.0.rc.1	All	All	All
Application	Rubygems	Rubygems	2.2.1	All	All	All
Application	Rubygems	Rubygems	2.2.2	All	All	All
Application	Rubygems	Rubygems	2.2.3	All	All	All
Application	Rubygems	Rubygems	2.2.4	All	All	All
Application	Rubygems	Rubygems	2.2.5	All	All	All
Application	Rubygems	Rubygems	2.3.0	All	All	All
Application	Rubygems	Rubygems	2.4.0	All	All	All
Application	Rubygems	Rubygems	2.4.1	All	All	All
Application	Rubygems	Rubygems	2.4.2	All	All	All
Application	Rubygems	Rubygems	2.4.3	All	All	All
Application	Rubygems	Rubygems	2.4.4	All	All	All
Application	Rubygems	Rubygems	2.4.5	All	All	All
Application	Rubygems	Rubygems	2.4.6	All	All	All
Application	Rubygems	Rubygems	2.4.7	All	All	All
Application	Rubygems	Rubygems	2.4.8	All	All	All
Application	Rubygems	Rubygems	2.5.0	All	All	All
Application	Rubygems	Rubygems	2.5.1	All	All	All
Application	Rubygems	Rubygems	2.5.2	All	All	All

Application	Rubygems	Rubygems	2.5.2	All	All	All
Application	Rubygems	Rubygems	2.6.0	All	All	All
Application	Rubygems	Rubygems	2.6.1	All	All	All
Application	Rubygems	Rubygems	2.6.10	All	All	All
Application	Rubygems	Rubygems	2.6.11	All	All	All
Application	Rubygems	Rubygems	2.6.12	All	All	All
Application	Rubygems	Rubygems	2.6.13	All	All	All
Application	Rubygems	Rubygems	2.6.2	All	All	All
Application	Rubygems	Rubygems	2.6.3	All	All	All
Application	Rubygems	Rubygems	2.6.4	All	All	All
Application	Rubygems	Rubygems	2.6.5	All	All	All
Application	Rubygems	Rubygems	2.6.6	All	All	All
Application	Rubygems	Rubygems	2.6.7	All	All	All
Application	Rubygems	Rubygems	2.6.8	All	All	All
Application	Rubygems	Rubygems	2.6.9	All	All	All
Application	Rubygems	Rubygems	2.0.0	All	All	All
Application	Rubygems	Rubygems	2.0.0	preview2	All	All
Application	Rubygems	Rubygems	2.0.0	preview2.1	All	All
Application	Rubygems	Rubygems	2.0.0	preview2.2	All	All
Application	Rubygems	Rubygems	2.0.0	rc1	All	All
Application	Rubygems	Rubygems	2.0.0	rc2	All	All
Application	Rubygems	Rubygems	2.0.1	All	All	All
Application	Rubygems	Rubygems	2.0.10	All	All	All
Application	Rubygems	Rubygems	2.0.11	All	All	All
Application	Rubygems	Rubygems	2.0.12	All	All	All
Application	Rubygems	Rubygems	2.0.13	All	All	All
Application	Rubygems	Rubygems	2.0.14	All	All	All
Application	Rubygems	Rubygems	2.0.15	All	All	All
Application	Rubygems	Rubygems	2.0.16	All	All	All
Application	Rubygems	Rubygems	2.0.17	All	All	All
Application	Rubygems	Rubygems	2.0.2	All	All	All
Application	Rubygems	Rubygems	2.0.3	All	All	All
Application	Rubygems	Rubygems	2.0.4	All	All	All
Application	Rubygems	Rubygems	2.0.5	All	All	All
Application	Rubygems	Rubygems	2.0.6	All	All	All
Application	Rubygems	Rubygems	2.0.7	All	All	All

Application	Rubygems	Rubygems	2.0.8	All	All	All
Application	Rubygems	Rubygems	2.0.9	All	All	All
Application	Rubygems	Rubygems	2.1.0	All	All	All
Application	Rubygems	Rubygems	2.1.0.rc.1	All	All	All
Application	Rubygems	Rubygems	2.1.0.rc.2	All	All	All
Application	Rubygems	Rubygems	2.1.1	All	All	All
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Application	Rubygems	Rubygems	2.1.3	All	All	All
Application	Rubygems	Rubygems	2.1.4	All	All	All
Application	Rubygems	Rubygems	2.1.5	All	All	All
Application	Rubygems	Rubygems	2.1.6	All	All	All
Application	Rubygems	Rubygems	2.1.7	All	All	All
Application	Rubygems	Rubygems	2.1.8	All	All	All
Application	Rubygems	Rubygems	2.1.9	All	All	All
Application	Rubygems	Rubygems	2.2.0	All	All	All
Application	Rubygems	Rubygems	2.2.0.preiew.1	All	All	All
Application	Rubygems	Rubygems	2.2.0.rc.1	All	All	All
Application	Rubygems	Rubygems	2.2.1	All	All	All
Application	Rubygems	Rubygems	2.2.2	All	All	All
Application	Rubygems	Rubygems	2.2.3	All	All	All
Application	Rubygems	Rubygems	2.2.4	All	All	All
Application	Rubygems	Rubygems	2.2.5	All	All	All
Application	Rubygems	Rubygems	2.3.0	All	All	All
Application	Rubygems	Rubygems	2.4.0	All	All	All
Application	Rubygems	Rubygems	2.4.1	All	All	All
Application	Rubygems	Rubygems	2.4.2	All	All	All
Application	Rubygems	Rubygems	2.4.3	All	All	All
Application	Rubygems	Rubygems	2.4.4	All	All	All
Application	Rubygems	Rubygems	2.4.5	All	All	All
Application	Rubygems	Rubygems	2.4.6	All	All	All
Application	Rubygems	Rubygems	2.4.7	All	All	All
Application	Rubygems	Rubygems	2.4.8	All	All	All
Application	Rubygems	Rubygems	2.5.0	All	All	All

Application	Rubygems	Rubygems	2.5.1	All	All	All
Application	Rubygems	Rubygems	2.5.2	All	All	All
Application	Rubygems	Rubygems	2.6.0	All	All	All
Application	Rubygems	Rubygems	2.6.1	All	All	All
Application	Rubygems	Rubygems	2.6.10	All	All	All
Application	Rubygems	Rubygems	2.6.11	All	All	All
Application	Rubygems	Rubygems	2.6.12	All	All	All
Application	Rubygems	Rubygems	2.6.13	All	All	All
Application	Rubygems	Rubygems	2.6.2	All	All	All
Application	Rubygems	Rubygems	2.6.3	All	All	All
Application	Rubygems	Rubygems	2.6.4	All	All	All
Application	Rubygems	Rubygems	2.6.5	All	All	All
Application	Rubygems	Rubygems	2.6.6	All	All	All
Application	Rubygems	Rubygems	2.6.7	All	All	All
Application	Rubygems	Rubygems	2.6.8	All	All	All
Application	Rubygems	Rubygems	2.6.9	All	All	All

References

Reference	Source	Link
RubyGems CVE-2017-0903 Remote Code Execution Vulnerability	BID	www.securityfocus.com
Red Hat Customer Portal	REDHAT	access.redhat.com
HackerOne	MISC	hackerone.com
[SECURITY] [DLA 1421-1] ruby2.1 security update	MLIST	lists.debian.org
Red Hat Customer Portal	REDHAT	access.redhat.com
Debian -- Security Information -- DSA-4031-1 ruby2.3	DEBIAN	www.debian.org
USN-3553-1: Ruby vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
Whitelist classes and symbols that are in Gem spec YAML · rubygems/rubygems@510b163 · GitHub	MISC	github.com
USN-3685-1: Ruby vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.com
Red Hat Customer Portal	REDHAT	access.redhat.com
2.6.14 Released - RubyGems Blog	MISC	blog.rubygems.org
Unsafe Object Deserialization Vulnerability in RubyGems - RubyGems Blog	MISC	blog.rubygems.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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