



CVE-2017-0901

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2017-0901 |
| State | PUBLIC |
| Assigner | support@hackerone.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2017-08-31 20:29:00 UTC |
| Updated | 2019-10-09 23:21:00 UTC |
| Description | RubyGems version 2.6.12 and earlier fails to validate specification names, allowing a maliciously crafted gem to potentially |

Risk And Classification

Problem Types: CWE-20

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 | All | All | All | All |

References

| Reference | Source |
|---|--------|
| Red Hat Customer Portal | RED |
| [SECURITY] [DLA 1421-1] ruby2.1 security update | MLIS |
| Red Hat Customer Portal | RED |
| RubyGems: Multiple vulnerabilities (GLSA 201710-01) — Gentoo security | GEN |
| 2.6.13 Released - RubyGems Blog | MISC |
| RubyGems < 2.6.13 - Arbitrary File Overwrite | EXP |
| USN-3553-1: Ruby vulnerabilities Ubuntu security notices | UBU |
| Ruby Flaws in RubyGems Let Remote Users Hijack the DNS and Overwrite Files and Let Local Users Deny Service - SecurityTracker | SEC |
| RubyGems CVE-2017-0901 Local Arbitrary File Overwrite Vulnerability | BID |
| USN-3685-1: Ruby vulnerabilities Ubuntu security notices | UBU |
| HackerOne | MISC |
| Validate specification names when installing · rubygems/rubygems@ad5c0a5 · GitHub | MISC |
| Red Hat Customer Portal | RED |
| Red Hat Customer Portal | RED |
| Debian -- Security Information -- DSA-3966-1 ruby2.3 | DEB |
| CVE Program record | CVE |
| NVD vulnerability detail | 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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