



CVE-2017-0898

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2017-0898
State	PUBLIC
Assigner	support@hackerone.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-09-15 19:29:00 UTC
Updated	2018-07-15 01:29:00 UTC
Description	Ruby before 2.4.2, 2.3.5, and 2.2.8 is vulnerable to a malicious format string which contains a precious specifier (*) with a h

Risk And Classification

Problem Types: CWE-134

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ruby-lang	Ruby	2.2.0	All	All	All
Application	Ruby-lang	Ruby	2.2.1	All	All	All
Application	Ruby-lang	Ruby	2.2.2	All	All	All
Application	Ruby-lang	Ruby	2.2.3	All	All	All
Application	Ruby-lang	Ruby	2.2.4	All	All	All
Application	Ruby-lang	Ruby	2.2.5	All	All	All
Application	Ruby-lang	Ruby	2.2.6	All	All	All
Application	Ruby-lang	Ruby	2.2.7	All	All	All
Application	Ruby-lang	Ruby	2.3.0	All	All	All
Application	Ruby-lang	Ruby	2.3.1	All	All	All
Application	Ruby-lang	Ruby	2.3.2	All	All	All
Application	Ruby-lang	Ruby	2.3.3	All	All	All
Application	Ruby-lang	Ruby	2.3.4	All	All	All
Application	Ruby-lang	Ruby	2.4.0	All	All	All
Application	Ruby-lang	Ruby	2.4.1	All	All	All
Application	Ruby-lang	Ruby	2.2.0	All	All	All
Application	Ruby-lang	Ruby	2.2.1	All	All	All

Application	Ruby-lang	Ruby	2.2.2	All	All	All
Application	Ruby-lang	Ruby	2.2.3	All	All	All
Application	Ruby-lang	Ruby	2.2.4	All	All	All
Application	Ruby-lang	Ruby	2.2.5	All	All	All
Application	Ruby-lang	Ruby	2.2.6	All	All	All
Application	Ruby-lang	Ruby	2.2.7	All	All	All
Application	Ruby-lang	Ruby	2.3.0	All	All	All
Application	Ruby-lang	Ruby	2.3.1	All	All	All
Application	Ruby-lang	Ruby	2.3.2	All	All	All
Application	Ruby-lang	Ruby	2.3.3	All	All	All
Application	Ruby-lang	Ruby	2.3.4	All	All	All
Application	Ruby-lang	Ruby	2.4.0	All	All	All
Application	Ruby-lang	Ruby	2.4.1	All	All	All

References

Reference

HackerOne

CVE-2017-0898: Buffer underrun vulnerability in Kernel.sprintf

Red Hat Customer Portal

[SECURITY] [DLA 1421-1] ruby2.1 security update

Red Hat Customer Portal

Debian -- Security Information -- DSA-4031-1 ruby2.3

Ruby: Multiple vulnerabilities (GLSA 201710-18) — Gentoo security

Ruby Multiple Flaws Let Remote Users Inject Log Data, Deny Service, and Obtain Potentially Sensitive Information from the Heap - SecurityTrails

USN-3685-1: Ruby vulnerabilities | Ubuntu security notices

Red Hat Customer Portal

Red Hat Customer Portal

Ruby CVE-2017-0898 Buffer Underrun Vulnerability

Heap use-after-free in mrb_str_format · Issue #3722 · mruby/mruby · GitHub

CVE Program record

NVD vulnerability detail

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

[710368](#) Gentoo Linux Ruby Multiple Vulnerabilities (GLSA 201710-18)

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