net-imap: Quadratic complexity when reading response literals

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2026-42245
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-09 20:16:28 UTC
Updated	2026-05-09 20:16:28 UTC
Description	Net::IMAP implements Internet Message Access Protocol (IMAP) client functionality in Ruby. Prior to versions 0.4.24, 0.5.1

Risk And Classification

Primary CVSS: v4.0 2.3 LOW from security-advisories@github.com

CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:P/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-407 | CWE-407 CWE-407: Inefficient Algorithmic Complexity

Version	Source	Type	Score	Severity	Vector
4.0	security-advisories@github.com	Secondary	2.3	LOW	CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:P/VC:N/VI:N/VA:L/SC:N/S
4.0	CNA	DECLARED	2.3	LOW	CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:P/VC:N/VI:N/VA:L/SC:N/S

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

None

User Interaction

Passive

Confidentiality

None

Integrity

None

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:P/PR:N/UI:P/VC:N/VI:N/VA:L/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSC:X/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Ruby	Net-imap	affected < 0.4.24	Not specified
CNA	Ruby	Net-imap	affected >= 0.5.0, < 0.5.14	Not specified
CNA	Ruby	Net-imap	affected >= 0.6.0, < 0.6.4	Not specified

References

Reference	Source	Link	Tags
github.com/ruby/net-imap/security/advisories/GHSA-q2mw-fvj9-vvcw	security-advisories@github.com	github.com	
github.com/ruby/net-imap/releases/tag/v0.6.4	security-advisories@github.com	github.com	
github.com/ruby/net-imap/releases/tag/v0.5.14	security-advisories@github.com	github.com	
github.com/ruby/net-imap/commit/6091f7d6b1f3514cafbfe39c76f2b5d73de3ca96	security-advisories@github.com	github.com	
github.com/ruby/net-imap/commit/88d95231fc8afef11c1f074453f7d75b68c9dfda	security-advisories@github.com	github.com	
github.com/ruby/net-imap/releases/tag/v0.4.24	security-advisories@github.com	github.com	
github.com/ruby/net-imap/commit/de685f91a4a4cc75eb80da898c2bf8af08d34819	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canoni
NVD vulnerability detail	NVD	nvd.nist.gov	canoni

No vendor comments have been submitted for this CVE.

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

Free CVE JSON API cve.report/api

CVE.report and Source URL Uptime Status status.cve.report