



Out of bounds read in IMAP parsing

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2026-4371
State	PUBLISHED
Assigner	mozilla
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-24 21:16:29 UTC
Updated	2026-04-13 15:17:36 UTC
Description	A malicious mail server could send malformed strings with negative lengths, causing the parser to read memory outside the

Risk And Classification

Primary CVSS: v3.1 7.4 HIGH from ADP

CVSS: 3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:H

EPSS: 0.000560000 probability, percentile 0.175160000 (date 2026-04-15)

Problem Types: CWE-126 | CWE-126 CWE-126 Buffer Over-read

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	7.4	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7.4	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

None

None

Availability

High

CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:N/A:H

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Mozilla	Thunderbird	All	All	All	All
Application	Mozilla	Thunderbird	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Mozilla	Thunderbird	unaffected 140.9 140.* rpm	Not specified
CNA	Mozilla	Thunderbird	unaffected 149 * rpm	Not specified

References

Reference	Source	Link	Tags
bugzilla.mozilla.org/show_bug.cgi	security@mozilla.org	bugzilla.mozilla.org	Permissions Required
www.mozilla.org/security/advisories/mfsa2026-24	security@mozilla.org	www.mozilla.org	Vendor Advisory
www.mozilla.org/security/advisories/mfsa2026-23	security@mozilla.org	www.mozilla.org	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: Rintaro Kobayashi (en)

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

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