Nodemailer: nodemailer: email to an unintended domain can occur due to interpretation conflict

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

Summary

CVE	CVE-2025-13033
State	PUBLISHED
Assigner	redhat
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-11-14 20:15:45 UTC
Updated	2026-05-11 13:16:10 UTC
Description	A vulnerability was identified in the email parsing library due to improper handling of specially formatted recipient email addı

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from secalert@redhat.com

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

EPSS: 0.000310000 probability, percentile 0.089620000 (date 2026-05-11)

Problem Types: CWE-1286 | CWE-1286 Improper Validation of Syntactic Correctness of Input

Version	Source	Type	Score	Severity	Vector
3.1	secalert@redhat.com	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N
3.1	CNA	CVSS	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

None

Availability

None

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Nodemailer	Nodemailer	affected 7.0.7 semver	Not specified
CNA	Red Hat	Red Hat Ceph Storage 8.1	unaffected 1777566546 * rpm	Not specified
CNA	Red Hat	Red Hat Developer Hub 1.9	unaffected 1772573159 * rpm	Not specified
CNA	Red Hat	Red Hat Advanced Cluster Management For Kubernetes 2	Not specified	Not specified

References

Reference	Source	Link	Tags
bugzilla.redhat.com/show_bug.cgi	secalert@redhat.com	bugzilla.redhat.com	
access.redhat.com/errata/RHSA-2026:15979	secalert@redhat.com	access.redhat.com	
github.com/nodemailer/nodemailer	secalert@redhat.com	github.com	
access.redhat.com/security/cve/CVE-2025-13033	secalert@redhat.com	access.redhat.com	
github.com/nodemailer/nodemailer/commit/1150d99fba77280df2cfb1885c43df23...	secalert@redhat.com	github.com	
github.com/nodemailer/nodemailer/security/advisories/GHSA-mm7p-fcc7-pg87	secalert@redhat.com	github.com	
access.redhat.com/errata/RHSA-2026:3751	secalert@redhat.com	access.redhat.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical,

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Source	Time	Event
CNA	2025-10-07T15:03:14.483Z	Reported to Red Hat.
CNA	2025-10-07T13:42:02.000Z	Made public.

Workarounds

CNA: Currently there's no available mitigation for this flaw.

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