@fastify/express vulnerable to middleware path doubling causing authentication bypass in child plugin scopes

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

Summary

CVE	CVE-2026-33807
State	PUBLISHED
Assigner	openjs
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-15 10:16:48 UTC
Updated	2026-04-17 15:38:09 UTC
Description	@fastify/express v4.0.4 and earlier contains a path handling bug in the onRegister function that causes middleware paths t

Risk And Classification

Primary CVSS: v3.1 9.1 CRITICAL from ce714d77-add3-4f53-aff5-83d477b104bb

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

EPSS: 0.000520000 probability, percentile 0.161180000 (date 2026-04-20)

Problem Types: CWE-436 | CWE-436 CWE-436: Interpretation Conflict

Version	Source	Type	Score	Severity	Vector
3.1	ce714d77-add3-4f53-aff5-83d477b104bb	Secondary	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N
3.1	CNA	CVSS	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

ntegrity

High

Availability

None

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Fastify	@fastify/express	affected 4.0.5 semver	Not specified
CNA	Fastify	@fastify/express	unaffected 4.0.5 semver	Not specified

References

Reference	Source	Link
cna.openjsf.org/security-advisories.html	ce714d77-add3-4f53-aff5-83d477b104bb	cna.openjsf.org
github.com/fastify/fastify-express/security/advisories/GHSA-hrwm-hgmj-7p9c	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

CNA: FredKSchott (en)

CNA: mcollina (en)

CNA: UlisesGascon (en)

CNA: climba03003 (en)

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