



Local privilege escalation vulnerability in Mozilla VPN clients for macOS v2.27.0 and below.

[MITRE](#)

[NVD](#)

[CVE.ORG](#)

[JSON API](#)

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Summary	
CVE	CVE-2025-5687
State	PUBLISHED
Assigner	mozilla
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-06-11 12:15:29 UTC
Updated	2026-04-13 15:17:05 UTC
Description	A vulnerability in Mozilla VPN on macOS allows privilege escalation from a normal user to root. *This bug only affects Mozil

Risk And Classification

Primary CVSS: v3.1 7.8 HIGH from ADP

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

EPSS: 0.000660000 probability, percentile 0.203770000 (date 2026-04-15)

Problem Types: CWE-269 | CWE-269 CWE-269 Improper Privilege Management

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	7.8	HIGH	CVSS:3.1/AV:L/AC:L/PR:L/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Unchanged

Confidentiality

High

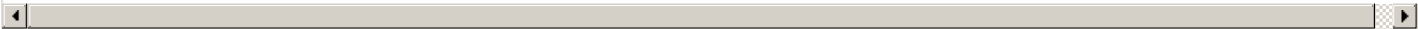
ntegrity

High

Availability

High

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



NVD Known Affected Configurations (CPE 2.3)

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Mozilla	Mozilla VPN 2.28.0	unaffected (macOS) * rpm	Not specified

References

Reference	Source	Link	Tags
www.mozilla.org/security/advisories/mfsa2025-48	security@mozilla.org	www.mozilla.org	Vendor Advisory
bugzilla.mozilla.org/show_bug.cgi	security@mozilla.org	bugzilla.mozilla.org	Permissions Required
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: Egor Filatov (Positive Technologies) (en)

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