



LibreChat has SSRF protection bypass via IPv4-mapped IPv6 normalization in isPrivateIP

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2026-31943
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-27 20:16:29 UTC
Updated	2026-03-31 20:16:27 UTC
Description	LibreChat is a ChatGPT clone with additional features. Prior to version 0.8.3, `isPrivateIP()` in `packages/api/src/auth/doma

Risk And Classification

Primary CVSS: v3.1 8.5 HIGH from security-advisories@github.com

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

EPSS: 0.000300000 probability, percentile 0.084270000 (date 2026-04-01)

Problem Types: CWE-918 | CWE-918 CWE-918: Server-Side Request Forgery (SSRF)

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	8.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:C/C:H/I:L/A:N
3.1	CNA	DECLARED	8.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:C/C:H/I:L/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

None

Scope

Changed

Confidentiality

High

Integrity

Low

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Librechat	Librechat	All	All	All	All
Application	Librechat	Librechat	0.8.3	rc1	All	All
Application	Librechat	Librechat	0.8.3	rc2	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Danny-avila	LibreChat	affected < 0.8.3	Not specified

References

Reference	Source	Link	Tags
github.com/danny-avila/LibreChat/security/advisories/GHSA-w5r7-4f94-vp4c	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com	Exp
CVE Program record	CVE.ORG	www.cve.org	car
NVD vulnerability detail	NVD	nvd.nist.gov	car

No vendor comments have been submitted for this CVE.

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

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