



OpenClaw < 2026.4.2 - Cleartext Credential Transmission via Unencrypted WebSocket Gateway Endpoints

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

Summary

CVE	CVE-2026-40045
State	PUBLISHED
Assigner	VulnCheck
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-21 00:16:29 UTC
Updated	2026-04-21 00:16:29 UTC
Description	OpenClaw before 2026.4.2 accepts non-loopback cleartext ws:// gateway endpoints and transmits stored gateway credentials

Risk And Classification

Primary CVSS: v4.0 5.9 MEDIUM from disclosure@vulncheck.com

CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:P/VC:H/VI:N/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

Problem Types: CWE-319 | CWE-319 CWE-319: Cleartext Transmission of Sensitive Information

Version	Source	Type	Score	Severity	Vector
4.0	disclosure@vulncheck.com	Secondary	5.9	MEDIUM	CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:P/VC:H/VI:N/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
4.0	CNA	CVSS	5.9	MEDIUM	CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:P/VC:H/VI:N/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X
3.1	disclosure@vulncheck.com	Primary	5.7	MEDIUM	CVSS:3.1/AV:A/AC:L/PR:N/UI:R/S:U/C:H/I:N/A:N
3.1	CNA	CVSS	5.7	MEDIUM	CVSS:3.1/AV:A/AC:L/PR:N/UI:R/S:U/C:H/I:N/A:N

CVSS v4.0 Breakdown

Attack Vector

Adjacent

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

None

User Interaction

Passive

Confidentiality

High

Integrity

None

Availability

None

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:A/AC:L/AT:P/PR:N/UI:P/VC:H/VI:N/VA:N/SC:N/SI:N/SA:N/E:X/CR:X/IR:X/AR:X/MAV:X/MAC:X/MAT:X/MPR:X/MUI:X/MVC:X/MVI:X/MVA:X/MSX/MSI:X/MSA:X/S:X/AU:X/R:X/V:X/RE:X/U:X

CVSS v3.1 Breakdown

Attack Vector

Adjacent

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

None

Availability

None

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	OpenClaw	OpenClaw	affected 2026.4.2 semver	Not specified
CNA	OpenClaw	OpenClaw	unaffected 2026.4.2 semver	Not specified

References

Reference	Source	Link	T
github.com/openclaw/openclaw/security/advisories/GHSA-83f3-hh45-vfw9	disclosure@vulncheck.com	github.com	
www.vulncheck.com/advisories/openclaw-clear-text-credential-transmission-via-une...	disclosure@vulncheck.com	www.vulncheck.com	
github.com/openclaw/openclaw/commit/a941a4fef9bc43b2973c92d0dcff5b8a4262...	disclosure@vulncheck.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	c
NVD vulnerability detail	NVD	nvd.nist.gov	c

Vendor Comments And Credit

Discovery Credit

CNA: zsx (@zxssoft) (en)

CNA: KeenSecurityLab (en)

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

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