Improper authorization in device bulk actions and device update API allows cross-organization device control

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Summary

CVE	CVE-2026-28806
State	PUBLISHED
Assigner	EEF
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-10 22:16:18 UTC
Updated	2026-04-06 17:17:09 UTC
Description	Improper Authorization vulnerability in nerves-hub nerves_hub_web allows cross-organization device control via device bull

Risk And Classification

Primary CVSS: v4.0 9.4 CRITICAL from 6b3ad84c-e1a6-4bf7-a703-f496b71e49db

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

Problem Types: CWE-285 | CWE-668 | CWE-285 CWE-285 Improper Authorization | CWE-668 CWE-668 Exposure of Resource to Wrong Sphere

Version	Source	Type	Score	Severity	Vector
4.0	6b3ad84c-e1a6-4bf7-a703-f496b71e49db	Secondary	9.4	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA
4.0	CNA	CVSS	9.4	CRITICAL	CVSS:4.0/AV:N/AC:L/AT:N/PR:L/UI:N/VC:H/VI:H/VA

CVSS v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

None

Privileges Required

Low

User Interaction

None

Confidentiality

High

Integrity

High

Availability

High

Sub Conf.

High

Sub Integrity

High

Sub Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version
CNA	Nerves-hub	Nerves Hub Web	affected 1.0.0 2.4.0 semver
CNA	Nerves-hub	Nerves Hub Web	affected 1.0.0 2.4.0 semver
CNA	Nerves-hub	Nerves Hub Web	affected adaeefdb7a835525482588f43332ef988cc448c7 1f69c9d595684a4650c3ac702f3dc7c5b

References

Reference	Source	Link
osv.dev/vulnerability/EEF-CVE-2026-28806	6b3ad84c-e1a6-4bf7-a703-f496b71e49db	osv.dev
cna.erlef.org/cves/CVE-2026-28806.html	6b3ad84c-e1a6-4bf7-a703-f496b71e49db	cna.erlef.(
github.com/nerves-hub/nerves_hub_web/security/advisories/GHSA-f8fr-mccc-...	6b3ad84c-e1a6-4bf7-a703-f496b71e49db	github.cor
github.com/nerves-hub/nerves_hub_web/commit/1f69c9d595684a4650c3ac702f3d...	6b3ad84c-e1a6-4bf7-a703-f496b71e49db	github.cor
CVE Program record	CVE.ORG	www.cve.
NVD vulnerability detail	NVD	nvd.nist.g

Vendor Comments And Credit

Discovery Credit

CNA: Josh Kalderimis / NervesHub team & NervesCloud (en)

CNA: Jonatan Männchen / EEF (en)

CNA: Lars Wikman / NervesHub team & NervesCloud (en)

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

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

CVE.report and Source URL Uptime Status status.cve.report