



OpenRemote has Improper Access Control via updateUserRealmRoles function

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

Summary

CVE	CVE-2026-41166
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-04-22 21:17:09 UTC
Updated	2026-04-22 21:23:52 UTC
Description	OpenRemote is an open-source internet-of-things platform. Prior to version 1.22.1, a user who has `write:admin` in one Key

Risk And Classification

Primary CVSS: v3.1 7 HIGH from security-advisories@github.com

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

Problem Types: CWE-284 | CWE-284 CWE-284: Improper Access Control

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	7	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:H/A:L
3.1	CNA	DECLARED	7	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:L/I:H/A:L

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

Low

Integrity

High

Availability

Low

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Openremote	Openremote	affected < 1.22.1	Not specified

References

Reference	Source	Link	Tags
github.com/openremote/openremote/security/advisories/GHSA-49vv-25qx-mg44	security-advisories@github.com	github.com	
github.com/openremote/openremote/releases/tag/1.22.1	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical

No vendor comments have been submitted for this CVE.

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

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