



vCluster Platform: Stored XSS can lead to privilege escalation

MITRE

NVD

CVE.ORG

JSON API

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Summary

CVE	CVE-2026-42457
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-14 15:16:46 UTC
Updated	2026-05-14 17:19:49 UTC
Description	vCluster Platform provides a Kubernetes platform for managing virtual clusters, multi-tenancy, and cluster sharing. Prior to v

Risk And Classification

Primary CVSS: v3.1 9 CRITICAL from security-advisories@github.com

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

EPSS: 0.000470000 probability, percentile 0.144240000 (date 2026-05-18)

Problem Types: CWE-79 | CWE-79 CWE-79: Improper Neutralization of Input During Web Page Generation ('Cross-site Scripting')

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	9	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:C/C:H/I:H/A:H
3.1	CNA	DECLARED	9	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:L/UI:R/S:C/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

Low

User Interaction

Required

Scope

Changed

Confidentiality

High

Integrity

High

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Loft-sh	Loft	affected < 4.4.3	Not specified
CNA	Loft-sh	Loft	affected >=4.5.0-alpha.0 , < 4.5.5	Not specified
CNA	Loft-sh	Loft	affected >= 4.6.0-alpha.1, < 4.6.2	Not specified
CNA	Loft-sh	Loft	affected >= 4.7.0-alpha.0, < 4.7.1	Not specified

References

Reference	Source	Link	Tags
github.com/loft-sh/loft/security/advisories/GHSA-x7cq-v3h6-426c	security-advisories@github.com	github.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

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