



Argo Workflows: SSO RBAC Delegation Nil Pointer Dereference DoS (gatekeeper.go)

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2026-42183 |
| State | PUBLISHED |
| Assigner | GitHub_M |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2026-05-09 04:16:23 UTC |
| Updated | 2026-05-09 04:16:23 UTC |
| Description | Argo Workflows is an open source container-native workflow engine for orchestrating parallel jobs on Kubernetes. From ver |

Risk And Classification

Primary CVSS: v4.0 2.3 LOW from security-advisories@github.com

CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:N/VC:N/VI:N/VA:L/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-476 | CWE-476 CWE-476: NULL Pointer Dereference

| Version | Source | Type | Score | Severity | Vector |
|---------|--------------------------------|-----------|-------|----------|--|
| 4.0 | security-advisories@github.com | Secondary | 2.3 | LOW | CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:N/VC:N/VI:N/VA:L/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 | DECLARED | 2.3 | LOW | CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:N/VC:N/VI:N/VA:L/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 v4.0 Breakdown

Attack Vector

Network

Attack Complexity

Low

Attack Requirements

Present

Privileges Required

Low

User Interaction

None

Confidentiality

None

Integrity

None

Availability

Low

Sub Conf.

None

Sub Integrity

None

Sub Availability

None

CVSS:4.0/AV:N/AC:L/AT:P/PR:L/UI:N/VC:N/VI:N/VA:L/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

Vendor Declared Affected Products

| Source | Vendor | Product | Version | Platforms |
|--------|--------------------------|--------------------------------|----------------------------|---------------|
| CNA | Argoproj | Argo-workflows | affected >= 4.0.0, < 4.0.5 | Not specified |

References

| Reference | Source | Link | Tags |
|---|--------------------------------|--|---------|
| github.com/argoproj/argo-workflows/commit/c4cc17d0c034fa9a9cc01ef1af6c80... | security-advisories@github.com | github.com | |
| github.com/argoproj/argo-workflows/security/advisories/GHSA-p4gq-3vxj-f4jq | security-advisories@github.com | github.com | |
| github.com/argoproj/argo-workflows/releases/tag/v4.0.5 | security-advisories@github.com | github.com | |
| CVE Program record | CVE.ORG | www.cve.org | canonic |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonic |

No vendor comments have been submitted for this CVE.

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

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