

[GitHub Advisory Database](#) / [GitHub Reviewed](#) / CVE-2024-5042

# Submariner Operator sets unnecessary RBAC permissions

**Moderate severity**

GitHub Reviewed

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**Vulnerability details**Dependabot alerts **0**

## Package

[github.com/submariner-io/submariner-operator](https://github.com/submariner-io/submariner-operator) (Go)

### Affected versions

&gt;= 0.16.0-m0, &lt; 0.16.4

&gt;= 0.17.0-m0, &lt; 0.17.2

&lt; 0.15.4

&gt;= 0.18.0-m0, &lt; 0.18.0-rc0

### Patched versions

0.16.4

0.17.2

0.15.4

0.18.0-rc0

## Description

A flaw was found in the Submariner project. Due to unnecessary role-based access control permissions, a privileged attacker can run a malicious container on a node that may allow them to steal service account tokens and further compromise other nodes and potentially the entire cluster.

## References

- <https://nvd.nist.gov/vuln/detail/CVE-2024-5042>
- <https://access.redhat.com/security/cve/CVE-2024-5042>
- [https://bugzilla.redhat.com/show\\_bug.cgi?id=2280921](https://bugzilla.redhat.com/show_bug.cgi?id=2280921)
- [submariner-io/submariner-operator#3041](#)
- [submariner-io/submariner-operator#3040](#)
- [submariner-io/submariner-operator@ b27a04c](#)
- <https://access.redhat.com/errata/RHSA-2024:4591>
- [submariner-io/submariner-operator#3045](#)
- [submariner-io/submariner-operator#3046](#)
- [submariner-io/submariner-operator#3049](#)
- <https://access.redhat.com/errata/RHSA-2026:6503>
- [GHSA-2rhx-qhxp-5jpw](#)



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### Severity

**Moderate** 6.6 / 10

#### CVSS v3 base metrics

Attack vector	Network
Attack complexity	High
Privileges required	High
User interaction	None
Scope	Changed
Confidentiality	Low
Integrity	High
Availability	None

[Learn more about base metrics](#)

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

#### EPSS score

0.062% (19th percentile)

#### Weaknesses

► CWE-250

#### CVE ID

CVE-2024-5042

#### GHSA ID

GHSA-2rhx-qhxp-5jpw

### Source code

[submariner-io/submariner-operator](#)

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### Credits



skitt

Analyst

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This advisory has been edited. [See History](#).

See something to contribute? [Suggest improvements for this vulnerability](#).