



Bug 2280921 (CVE-2024-5042) - CVE-2024-5042 submariner-operator: RBAC permissions can allow for the spread of node compromises

Keywords: Security

Reported: 2024-05-17 03:54 UTC by Robb Gatica

Status: NEW

Modified: 2024-07-17 13:23 UTC [\(History\)](#)

Alias: CVE-2024-5042

CC List: 7 users [\(show\)](#)

Product: Security Response

Fixed In Version: submariner-operator 0.16.4

Component: vulnerability

Clone Of:

Version: unspecified

Environment:

Hardware: All

Last Closed:

OS: Linux

Embargoed:

Priority: medium

Severity: medium

Target Milestone: ---

Assignee: Product Security

QA Contact:

Docs Contact:

URL:

Whiteboard:

Depends On: 2290351

Blocks: 2280922

TreeView+ [depends on](#) / [blocked](#)

Attachments	(Terms of Use)
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Links

System	ID	Private	Priority	Status	Summary	Last Updated
Red Hat Product Errata	RHSA-2024:4591	0	None	None	None	2024-07-17 13:23:08 UTC

Robb Gatica 2024-05-17 03:54:51 UTC

[Description](#)

The Submariner project received a security disclosure regarding unnecessary RBAC that could be used to spread K8s node compromises. If an attacker is able to run a privileged malicious container on a node, they may be able to escape the

container and steal service account tokens. Since Submariner's route agent runs on every node, its SA token is available from any compromised node.

References:

<https://github.com/submariner-io/submariner-operator/issues/3041>

errata-xmlrpc 2024-07-17 13:23:07 UTC

[Comment 7](#)

This issue has been addressed in the following products:

RHODF-4.16-RHEL-9

Via RHSA-2024:4591 <https://access.redhat.com/errata/RHSA-2024:4591>

Note

You need to [log in](#) before you can comment on or make changes to this bug.

