CVE-2022-28224

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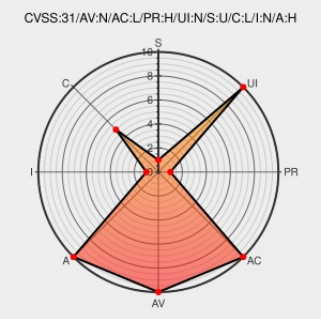
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Calico Enterprise from Tigera contain the following vulnerability:

Clusters using Calico (version 3.22.1 and below), Calico Enterprise (version 3.12.0 and below), may be vulnerable to route hijacking with the floating IP feature. Due to insufficient validation, a privileged attacker may be able to set a floating IP annotation to a pod even if the feature is not enabled. This may allow the attacker to intercept and reroute traffic to their compromised pod.

CVE-2022-28224 has been assigned by psirt@tigera.io to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **Tigera** - **Calico Enterprise** version **<= v3.12.0**

Affected Vendor/Software: **Project Calico** - **Calico** version **<= v3.22.1**

CVSS3 Score: 5.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	HIGH	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	LOW	HIGH

CVSS2 Score: 5.5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Security Bulletins – TTA-2022-001	www.tigera.io text/html	MISC www.tigera.io/security-bulletins-tta-2022-001/

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Tigera	Calico Enterprise	All	All	All	All
Application	Tigera	Calico Enterprise	3.12.0	All	All	All
Operating System	Tigera	Calico Os	All	All	All	All

cpe:2.3:a:tigera:calico_enterprise:*:*:*:*:*:*:*:*:

cpe:2.3:a:tigera:calico_enterprise:3.12.0:*:*:*:*:*:*:*:

cpe:2.3:o:tigera:calico_os:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-28224 : Clusters using Calico version 3.22.1 and below , Calico Enterprise version 3.12.0 and below , ma… twitter.com/i/web/status/1…	2022-06-06 18:12:45
@LinInfoSec	Calico - CVE-2022-28224: tigera.io/security-bulle…	2022-06-06 22:00:28
/r/netcve	CVE-2022-28224	2022-06-06 19:38:59

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