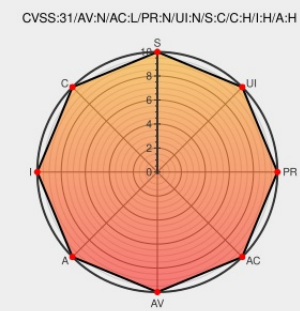
CVE-2022-42150

Published on: Not Yet Published

Last Modified on: 10/26/2023 02:36:00 PM UTC

CVE-2022-42150

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



Certain versions of Cloud Lab from Tinylab contain the following vulnerability:

TinyLab linux-lab v1.1-rc1 and cloud-labv0.8-rc2, v1.1-rc1 are vulnerable to insecure permissions. The default configuration could cause Container Escape.

CVE-2022-42150 has been assigned by cve@mitre.org to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 10 - CRITICAL

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

CVE References

Description	Tags	Link
Universal Container Escape with eBPF - HackMD	hackmd.io, text/html	MISC hackmd.io/@UR9gnr32QymtmtZHnZceOw/ry428EZGo
Universal Container Escape with eBPF (CVE-2022-42150)	github.com, text/plain	MISC github.com/eBPF-Research/eBPF-Attack/blob/main/PoC.md#attack-requirements
	github.com, text/plain	MISC github.com/tinyclub/cloud-lab/blob/d19ff92713685a7fb84b423dea6a184b25c378c9/configs/common/seccomp-profiles-default.json
Default Configure Could Cause Container Escape Risk · Issue #14 · tinyclub/linux-lab · GitHub	github.com, text/html	MISC github.com/tinyclub/linux-lab/issues/14
Cross Container Attacks: The Bewildered eBPF on Clouds | USENIX	www.usenix.org, text/html	MISC www.usenix.org/conference/usenixsecurity23/presentation/he

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Tinylab	Cloud Lab	0.8	rc2	All	All
Application	Tinylab	Cloud Lab	1.1	rc1	All	All
Application	Tinylab	Linux Lab	1.1	rc1	All	All

cpe:2.3:a:tinylab:cloud_lab:0.8:rc2:*:*:*:*:*:*:

cpe:2.3:a:tinylab:cloud_lab:1.1:rc1:*:*:*:*:*:*:

cpe:2.3:a:tinylab:linux_lab:1.1:rc1:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→