



CVE-2020-24264

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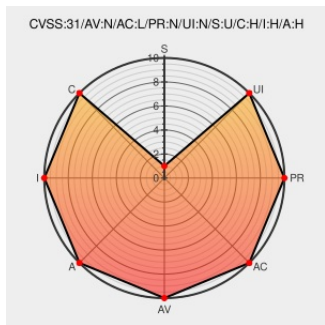
CVE-2020-24264

[Source: Mitre](#)

[Source: NIST](#)

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Certain versions of [Portainer](#) from [Portainer](#) contain the following vulnerability:

Portainer 1.24.1 and earlier is affected by incorrect access control that may lead to remote arbitrary code execution. The restriction checks for bind mounts are applied only on the client-side and not the server-side, which can lead to spawning a container with bind mount. Once such a container is spawned, it can be leveraged to break out of the container leading to complete Docker host machine takeover.

CVE-2020-24264 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **10 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
enforce the security switch "disable the use of bind mounts" when set via API · Issue #4106 · portainer/portainer · GitHub	github.com text/html	MISC github.com/portainer/portainer/issues/4106

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Portainer	Portainer	All	All	All	All
<code>cpe:2.3:a:portainer:portainer:*:*:*:*:*:*</code>						

No vendor comments have been submitted for this CVE

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