



CVE-2020-8557

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2020-8557
State	PUBLIC
Assigner	security@kubernetes.io
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-07-23 17:15:00 UTC
Updated	2023-01-27 20:35:00 UTC
Description	The Kubernetes kubelet component in versions 1.1-1.16.12, 1.17.0-1.17.8 and 1.18.0-1.18.5 do not account for disk usage

Risk And Classification

Problem Types: CWE-400

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Kubernetes	Kubernetes	All	All	All	All
Application	Kubernetes	Kubernetes	All	All	All	All

References

Reference	Source	Link
CVE-2020-8557 Kubernetes Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com
[Security Advisory] CVE-2020-8557: Node disk DOS by writing to container /etc/hosts	MLIST	groups.google.com
CVE-2020-8557: Node disk DOS by writing to container /etc/hosts · Issue #93032 · kubernetes/kubernetes · GitHub	CONFIRM	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

Vendor Comments And Credit

Discovery Credit

LEGACY: Kebe Liu of DaoCloud

Legacy QID Mappings

[239750](#) Red Hat OpenShift Container Platform 542 Security Update (RHSA-2021:3915)

376727	Kubernetes Kubelet Node Disk Denial of Service (DoS) Vulnerability
377853	Kubernetes Kubelet Node Disk Denial of Service (DoS) Vulnerability
501593	Alpine Linux Security Update for k3s
6140242	AWS Bottlerocket Security Update for Kubernetes (GHSA-fpgg-9xgf-f2wm)
770036	Red Hat OpenShift Container Platform 4.5.7 Packages Security Update (RHSA-2020:3519)
770037	Red Hat OpenShift Container Platform 4.4.19 Security Update (RHSA-2020:3579)
770038	Red Hat OpenShift Container Platform 4.3.38 Security Update (RHSA-2020:3808)
900220	CBL-Mariner Linux Security Update for kubernetes 1.16.10

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