

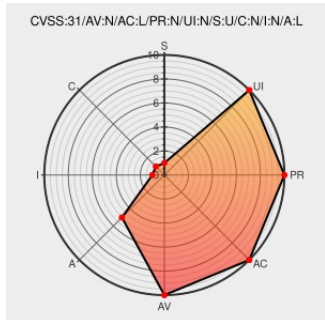


CVE-2020-8552

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CVE-2020-8552

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

The Kubernetes API server component in versions prior to 1.15.9, 1.16.0-1.16.6, and 1.17.0-1.17.2 has been found to be vulnerable to a denial of service attack via successful API requests.

CVE-2020-8552 has been assigned by security@kubernetes.io to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Kubernetes** - **Kubernetes** version < **v1.17.3**

Affected Vendor/Software: **Kubernetes** - **Kubernetes** version < **v1.16.7**

Affected Vendor/Software: **Kubernetes** - **Kubernetes** version < **v1.15.10**

CVSS3 Score: **4.3 - MEDIUM**

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

CVSS2 Score: **4 - MEDIUM**

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

CVE References

Description	Tags	Link
Google Groups	Mailing List Third Party Advisory groups.google.com text/html	 MISC groups.google.com/forum/#!topic/kubernetes-security-announce/2UOlSba2g0s
[SECURITY] Fedora 32 Update: origin-3.11.2-1.fc32 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	 FEDORA FEDORA-2020-aeea04cd13
April 2020 Kubernetes Vulnerabilities in NetApp Products NetApp Product Security	Third Party Advisory security.netapp.com text/html	 CONFIRM security.netapp.com/advisory/ntap-20200413-0003/
CVE-2020-8552: apiserver DoS (oom) · Issue #89378 · kubernetes/kubernetes · GitHub	Patch Third Party Advisory github.com text/html	 MISC github.com/kubernetes/kubernetes/issues/89378

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Related QID Numbers

[770045](#) Red Hat OpenShift Container Platform 4.2.29 Security Update (RHSA-2020:1527)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	32	All	All	All
Application	Kubernetes	Kubernetes	All	All	All	All
Application	Kubernetes	Kubernetes	All	All	All	All
Application	Kubernetes	Kubernetes	All	All	All	All
cpe:2.3:o:fedoraproject:fedora:32:*****:						
cpe:2.3:a:kubernetes:kubernetes:*****:						
cpe:2.3:a:kubernetes:kubernetes:*****:						
cpe:2.3:a:kubernetes:kubernetes:*****:						

Discovery Credit

Gus Lees (Amazon)

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