CVE-2020-8554

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2020-8554
State	PUBLIC
Assigner	security@kubernetes.io
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-01-21 17:15:00 UTC
Updated	2023-11-07 03:26:00 UTC
Description	Kubernetes API server in all versions allow an attacker who is able to create a ClusterIP service and set the spec.externalIP

Risk And Classification

Problem Types: NVD-CWE-noinfo

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
Application	Oracle	Communications Cloud Native Core Network Slice Selection Function	1.2.1	All	All	All
Application	Oracle	Communications Cloud Native Core Policy	1.15.0	All	All	All
Application	Oracle	Communications Cloud Native Core Service Communication Proxy	1.14.0	All	All	All

References

Reference	Source	Link	Tags
Pony Mail!	MLIST	lists.apache.org	
Pony Mail!		lists.apache.org	
Pony Mail!	MLIST	lists.apache.org	Mailing List, TI
Oracle Critical Patch Update Advisory - April 2022	MISC	www.oracle.com	
Oracle Critical Patch Update Advisory - July 2021	N/A	www.oracle.com	
[Security Advisory] CVE-2020-8554: Man in the middle using LoadBalancer or ExternalIPs	MLIST	groups.google.com	Mailing List, TI
Pony Mail!		lists.apache.org	
Oracle Critical Patch Update Advisory - January 2022	MISC	www.oracle.com	
Pony Mail!		lists.apache.org	

RESERVED · Issue #97076 · kubernetes/kubernetes · GitHub	CONFIRM	github.com	Exploit, Third I
Pony Mail!	MLIST	lists.apache.org	
Pony Mail!		lists.apache.org	
Pony Mail!	MLIST	lists.apache.org	Mailing List, TI
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ana

Vendor Comments And Credit

Discovery Credit

LEGACY: Etienne Champetier (@champtar) of Anevia

Legacy QID Mappings

- 900263 CBL-Mariner Linux Security Update for kubernetes-1.18.17 1.18.17
- 900264 CBL-Mariner Linux Security Update for kubernetes 1.18.17
- 900265 CBL-Mariner Linux Security Update for kubernetes-1.18.14 1.18.14
- 900266 CBL-Mariner Linux Security Update for kubernetes-1.19.7 1.19.7
- 900267 CBL-Mariner Linux Security Update for kubernetes-1.19.9 1.19.9
- 900268 CBL-Mariner Linux Security Update for kubernetes-1.20.2 1.20.2
- 900269 CBL-Mariner Linux Security Update for kubernetes-1.20.5 1.20.5
- 900270 CBL-Mariner Linux Security Update for python-kubernetes 11.0.0
- 903524 Common Base Linux Mariner (CBL-Mariner) Security Update for kubernetes (6284)
- 905971 Common Base Linux Mariner (CBL-Mariner) Security Update for kubernetes (6284-1)
- 907546 Common Base Linux Mariner (CBL-Mariner) Security Update for kubernetes (31731-1)