



CVE-2022-31074

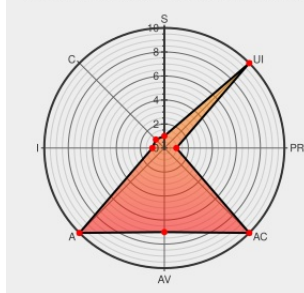
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CVE-2022-31074 - advisory for GHSA-w52j-3457-q9wr

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

CVSS:31/AV:A/AC:L/PR:H/UI:N/S:U/C:N/I:N/A:H



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

KubeEdge is an open source system for extending native containerized application orchestration capabilities to hosts at Edge. Prior to versions 1.11.1, 1.10.2, and 1.9.4, several endpoints in the Cloud AdmissionController may be susceptible to a DoS attack if an HTTP request containing a very large Body is sent to it. The consequence of the exhaustion is that the Cloud AdmissionController will be in denial of service. This bug has been fixed in Kubeedge 1.11.1, 1.10.2, and 1.9.4. There is currently no known workaround.

CVE-2022-31074 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [kubernetes](#) - **kubeedge** version < 1.9.4

Affected Vendor/Software: [kubernetes](#) - **kubeedge** version >= 1.10.0, < 1.10.2

Affected Vendor/Software: [kubernetes](#) - **kubeedge** version = 1.11.0

CVSS3 Score: **6.5 - MEDIUM**

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

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
Cloud AdmissionController component: DoS by exhausting memory of node with http request containing large body · Advisory · kubeedge/kubeedge · GitHub	github.com text/html	 CONFIRM github.com/kubeedge/kubeedge/security/advisories/GHSA-w52j-3457-q9wr

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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	Linuxfoundation	Kubeedge	All	All	All	All
cpe:2.3:a:linuxfoundation:kubeedge:*.*.*.*.*.*.*.*						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-31074 : KubeEdge is an open source system for extending native containerized application orchestration cap... twitter.com/i/web/status/1...	2022-07-11 20:16:45
 /r/netcve	CVE-2022-31074	2022-07-11 20:38:45

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