CVE-2023-27595

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CVE-2023-27595 - advisory for GHSA-r5x6-w42p-jhpp

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF

Certain versions of Cilium from Cilium contain the following vulnerability:

Cilium is a networking, observability, and security solution with an eBPF-based dataplane. In version 1.13.0, when Cilium is started, there is a short period when Cilium eBPF programs are not attached to the host. During this period, the host does not implement any of Cilium's featureset. This can cause disruption to newly established connections during this period due to the lack of Load Balancing, or can cause Network Policy bypass due to the lack of Network Policy enforcement during the window. This vulnerability impacts any Cilium-managed endpoints on the node (such as Kubernetes Pods), as well as the host network namespace (including Host Firewall). This vulnerability is fixed in Cilium 1.13.1 or later. Cilium releases 1.12.x, 1.11.x, and earlier are not affected. There are no known workarounds.

CVE-2023-27595 has been assigned by security-advisories@github.com to track the vulnerability

Affected Vendor/Software: **cilium** - **cilium** version **= = 1.13.0**

CVE References

Description	Tags	Link
Release 1.13.1 · cilium/cilium · GitHub	github.com text/html	MISC github.com/cilium/cilium/releases/tag/v1.13.1
Cilium eBPF filters may be temporarily removed during agent restart · Advisory · cilium/cilium · GitHub	github.com text/html	MISC github.com/cilium/cilium/security/advisories/GHSA-r5x6-w42p-jhpp
bpf,init.sh: make netdev bpf filter cleanup less eager by ti-mo · Pull Request #24336 · cilium/cilium · GitHub	github.com text/html	MISC github.com/cilium/cilium/pull/24336

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Cilium	Cilium	1.13.0	All	All	All

cpe:2.3:a:cilium:cilium:1.13.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2023-27595 : Cilium is a networking, observability, and security solution with an eBPF-based dataplane. In vers… twitter.com/i/web/status/1…	2023-03-17 22:02:11
/r/netcve	CVE-2023-27595	2023-03-17 22:38:16

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