CVE-2020-8660

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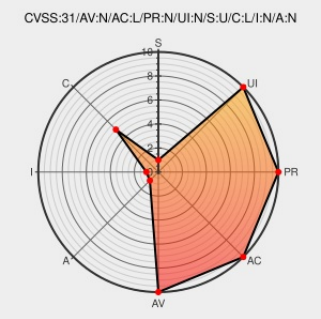
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Envoy from Envoyproxy contain the following vulnerability:

CNCF Envoy through 1.13.0 TLS inspector bypass. TLS inspector could have been bypassed (not recognized as a TLS client) by a client using only TLS 1.3. Because TLS extensions (SNI, ALPN) were not inspected, those connections might have been matched to a wrong filter chain, possibly bypassing some security restrictions in the process.

CVE-2020-8660 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.3 - MEDIUM

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

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link
TLS inspector bypass · Advisory · envoyproxy/envoy · GitHub	Third Party Advisory github.com	MISC github.com/envoyproxy/envoy/security/advisories/GHSA-c4g8-

	text/html	7grc-5wvx
Version history — envoy tag-v1.13.1 documentation	Vendor Advisory www.envoyproxy.io text/html	CONFIRM www.envoyproxy.io/docs/envoy/v1.13.1/intro/version_history
Red Hat Customer Portal	Third Party Advisory access.redhat.com text/html	REDHAT RHSA-2020:0734

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Envoyproxy	Envoy	All	All	All	All
Application	Envoyproxy	Envoy	All	All	All	All

cpe:2.3:a:envoyproxy:envoy:*:*:*:*:*:*:*:*:

cpe:2.3:a:envoyproxy:envoy:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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