

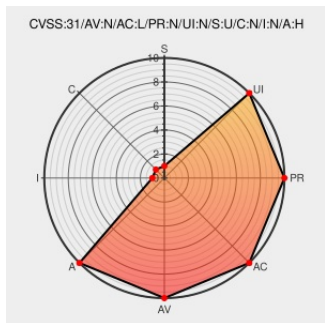


CVE-2020-12603

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CVE-2020-12603

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

Certain versions of [Envoy](#) from [Envoyproxy](#) contain the following vulnerability:

Envoy version 1.14.2, 1.13.2, 1.12.4 or earlier may consume excessive amounts of memory when proxying HTTP/2 requests or responses with many small (i.e. 1 byte) data frames.

CVE-2020-12603 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
	Broken Link github.com text/plain Inactive Link Not Archived	MISC github.com/envoyproxy/envoy-setec/issues/80

Excessive CPU and/or memory usage when proxying HTTP/2 bodies - Advisory · envoyproxy/envoy · GitHub

Third Party Advisory
github.com
text/html

CONFIRM
github.com/envoyproxy/envoy/security/advisories/GHSA-pc38-4q6c-85p6

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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	Envoyproxy	Envoy	1.13.2	All	All	All
Application	Envoyproxy	Envoy	1.14.2	All	All	All
Application	Envoyproxy	Envoy	1.13.2	All	All	All
Application	Envoyproxy	Envoy	1.14.2	All	All	All
Application	Envoyproxy	Envoy	All	All	All	All
cpe:2.3:a:envoyproxy:envoy:1.13.2:*:*:*:*:*:						
cpe:2.3:a:envoyproxy:envoy:1.14.2:*:*:*:*:*:						
cpe:2.3:a:envoyproxy:envoy:1.13.2:*:*:*:*:*:						
cpe:2.3:a:envoyproxy:envoy:1.14.2:*:*:*:*:*:						
cpe:2.3:a:envoyproxy:envoy:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @vigilance_fr	Vigil@nce #Vuln�rabilit� de Envoy : quatre vuln�rabilit�s. vigilance.fr/vulnerabilite/... R�f�rences : #CVE-2020-12603,... twitter.com/i/web/status/1...	2022-03-03 09:09:03
 @vigilance_en	Vigil@nce #Vulnerability of Envoy: four vulnerabilities. vigilance.fr/vulnerability/... Identifiers: #CVE-2020-12603, #CVE... twitter.com/i/web/status/1...	2022-03-03 09:09:04

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