

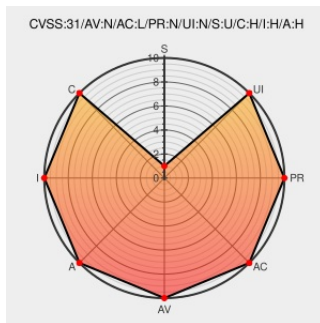


CVE-2019-18802

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CVE-2019-18802

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

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

An issue was discovered in Envoy 1.12.0. An untrusted remote client may send an HTTP header (such as Host) with whitespace after the header content. Envoy will treat "header-value " as a different string from "header-value" so for example with the Host header "example.com " one could bypass "example.com" matchers.

CVE-2019-18802 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
Google Groups	Mailing List Third Party Advisory groups.google.com	G MISC groups.google.com/forum/#!forum/envoy-users

	text/html	
Missing header whitespace trimming (HTTP/1) · Advisory · envoyproxy/envoy · GitHub	Exploit Third Party Advisory github.com text/html	 MISC github.com/envoyproxy/envoy/security/advisories/GHSA-356m-vhw2-wcm4
[security-announce] openSUSE-SU-2020:0379-1: moderate: Security update f	lists.opensuse.org text/html	 SUSE openSUSE-SU-2020:0379
Commits · envoyproxy/envoy · GitHub	Patch web.archive.org text/html Inactive Link Not Archived	 MISC github.com/envoyproxy/envoy/commits/master
Envoy Proxy	Product blog.envoyproxy.io text/html	 MISC blog.envoyproxy.io

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Related QID Numbers

[750346](#) OpenSUSE Security Update for nghttp2 (openSUSE-SU-2021:0341-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Envoyproxy	Envoy	All	All	All	All
cpe:2.3:a:envoyproxy:envoy:*****:*						

No vendor comments have been submitted for this CVE

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