



# CVE-2021-21299

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2021-21299
<b>State</b>	PUBLIC
<b>Assigner</b>	security-advisories@github.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-02-11 18:15:00 UTC
<b>Updated</b>	2021-02-19 18:28:00 UTC
<b>Description</b>	hyper is an open-source HTTP library for Rust (crates.io). In hyper from version 0.12.0 and before versions 0.13.10 and 0.14.0, the <code>Request::builder</code> method does not properly validate the <code>Host</code> header, which can be used to bypass the <code>Host</code> header check and cause a denial of service (DoS) attack.

## Risk And Classification

**Problem Types:** CWE-444

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Hyper</a>	<a href="#">Hyper</a>	All	All	All	All
Application	<a href="#">Hyper</a>	<a href="#">Hyper</a>	All	All	All	All

## References

Reference	Source	Link	Tags
Cargo	MISC	<a href="#">crates.io</a>	Pr
Multiple Transfer-Encoding headers misinterprets request payload · Advisory · hyperium/hyper · GitHub	CONFIRM	<a href="#">github.com</a>	Th
About RustSec › RustSec Advisory Database	MISC	<a href="#">rustsec.org</a>	Th
fix(http1): fix server misinterpreting multiple Transfer-Encoding he... · hyperium/hyper@8f93123 · GitHub	MISC	<a href="#">github.com</a>	Pa
HTTP Desync Attacks: Request Smuggling Reborn   PortSwigger Research	MISC	<a href="#">portswigger.net</a>	Th
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	ca
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	ca

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

184396 Debian Security Update for rust-hyper (CVE-2021-21299)

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