CVE-2022-3212

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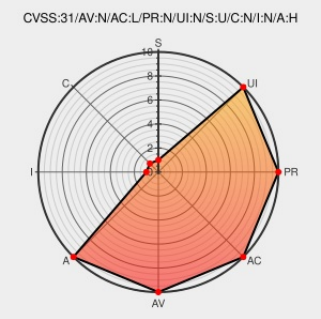

Certain versions of Axum-core from Axum-core Project contain the following vulnerability:

<bytes::Bytes as axum_core::extract::FromRequest>::from_request would not, by default, set a limit for the size of the request body. That meant if a malicious peer would send a very large (or infinite) body your server might run out of memory and crash. This also applies to these extractors which used Bytes::from_request internally: axum::extract::Form axum::extract::Json String

CVE-2022-3212 has been assigned by security@jfrog.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **tokio-rs** - **axum-core** version **< 0.2.8**

Affected Vendor/Software: **tokio-rs** - **axum-core** version **= 0.3.0-rc.1**

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

CVE References

Description	Tags	Link
RUSTSEC-2022-0055: axum-core: No default limit put on request bodies › RustSec Advisory Database	rustsec.org text/html	MISC rustsec.org/advisories/RUSTSEC-2022-0055.html
axum-core missing request size limit DoS | - JFrog Security Research	research.jfrog.com text/html	MISC research.jfrog.com/vulnerabilities/axum-core-dos/

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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	Axum-core Project	Axum-core	All	All	All	All
Application	Axum-core Project	Axum-core	0.3.0	rc1	All	All

cpe:2.3:a:axum-core_project:axum-core:*:*:*:*:*:rust:*:*:

cpe:2.3:a:axum-core_project:axum-core:0.3.0:rc1:*:*:*:rust:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-3212 : <bytes::Bytes as axum_core::extract::FromRequest>::from_request would not, by default, set a limit… twitter.com/i/web/status/1…	2022-09-14 16:08:29
/r/netcve	CVE-2022-3212	2022-09-14 17:38:51

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CVE.report and Source URL Uptime Status status.cve.report