



CVE-2021-45704

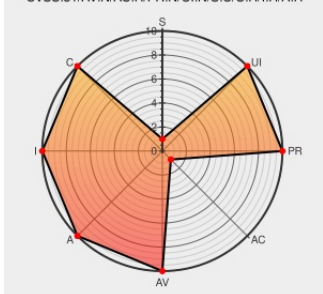
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Metrics-util](#) from [Metrics-util Project](#) contain the following vulnerability:

An issue was discovered in the metrics-util crate before 0.7.0 for Rust. There is a data race and memory corruption because AtomicBucket<T> unconditionally implements the Send and Sync traits.

CVE-2021-45704 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.1 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
RUSTSEC-2021-0113: metrics-util: AtomicBucket unconditionally implements Send/Sync › RustSec Advisory Database	rustsec.org text/html	MISC rustsec.org/advisories/RUSTSEC-2021-0113.html
	raw.githubusercontent.com	MISC

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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	Metrics-util Project	Metrics-util	All	All	All	All
cpe:2.3:a:metrics-util_project:metrics-util:*:*:*:*:rust:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-45704 : An issue was discovered in the metrics-util crate before 0.7.0 for Rust. There is a data race and... twitter.com/i/web/status/1...	2021-12-27 00:17:37
 /r/netcve	CVE-2021-45704	2021-12-27 01:39:02

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