

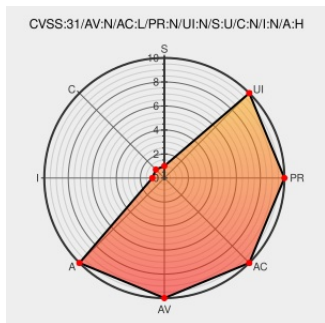


CVE-2020-36464

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CVE-2020-36464

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

Certain versions of [Heapless](#) from [Heapless Project](#) contain the following vulnerability:

An issue was discovered in the heapless crate before 0.6.1 for Rust. The Intolter Clone implementation clones an entire underlying Vec without considering whether it has already been partially consumed.

CVE-2020-36464 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
RUSTSEC-2020-0145: heapless: Use-after-free when cloning a partially consumed `Vec` iterator › RustSec Advisory Database	rustsec.org text/html	MISC rustsec.org/advisories/RUSTSEC-2020-0145.html
	raw.githubusercontent.com text/plain	MISC raw.githubusercontent.com/rustsec/advisory-

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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	Heapless Project	Heapless	All	All	All	All
cpe:2.3:a:heapless_project:heapless:*:*:*:*:rust:*:*						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2020-36464 : An issue was discovered in the heapless crate before 0.6.1 for Rust. The Intolter Clone implementa... twitter.com/i/web/status/1...	2021-08-08 06:17:25

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