



CVE-2021-45685

Published on: Not Yet Published

Last Modified on: 01/06/2022 04:31:00 PM UTC

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

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

An issue was discovered in the columnar crate through 2021-01-07 for Rust. ColumnarReadExt::read_typed_vec may read from uninitialized memory locations.

CVE-2021-45685 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
	raw.githubusercontent.com text/plain	MISC raw.githubusercontent.com/rustsec/advisory-db/main/crates/columnar/RUSTSEC-2021-0087.md

RUSTSEC-2021-0087: columnar: columnar: `Read` on uninitialized buffer may cause UB
(ColumnarReadExt::read_typed_vec()) › RustSec Advisory Database

[rustsec.org](#)
[text/html](#)

 rustsec.org/advisories/RUSTSEC-2021-0087.html

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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	Columnar Project	Columnar	All	All	All	All
cpe:2.3:a:columnar_project:columnar:*:*:*:*:rust:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-45685 : An issue was discovered in the columnar crate through 2021-01-07 for Rust. ColumnarReadExt::read_t... twitter.com/i/web/status/1...	2021-12-27 00:11:00

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