

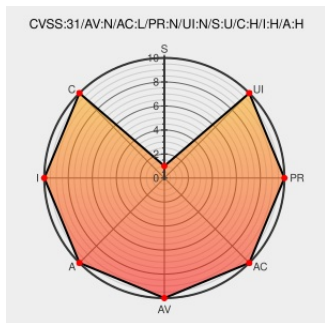


CVE-2021-38190

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CVE-2021-38190

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

Certain versions of [Nalgebra](#) from [Dimforge](#) contain the following vulnerability:

An issue was discovered in the nalgebra crate before 0.27.1 for Rust. It allows out-of-bounds memory access because it does not ensure that the number of elements is equal to the product of the row count and column count.

CVE-2021-38190 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/nalgebra/RUSTSEC-2021-0070.md

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Related QID Numbers

[905071](#) Common Base Linux Mariner (CBL-Mariner) Security Update for libsvg2 (12518)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Dimforge	Nalgebra	All	All	All	All
cpe:2.3:a:dimforge:nalgebra:*:*:*:*:rust:*:*						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-38190 : An issue was discovered in the nalgebra crate before 0.27.1 for Rust. It allows out-of-bounds memo... twitter.com/i/web/status/1...	2021-08-08 06:22:33

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