



CVE-2019-25004

Published on: 12/31/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:38 PM UTC

CVE-2019-25004

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

Certain versions of [Flatbuffers](#) from [Google](#) contain the following vulnerability:

An issue was discovered in the flatbuffers crate before 0.6.1 for Rust. Arbitrary bytes can be reinterpreted as a bool, defeating soundness.

CVE-2019-25004 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
About RustSec › RustSec Advisory Database	Exploit Third Party Advisory rustsec.org text/html	MISC rustsec.org/advisories/RUSTSEC-2019-0028.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	Google	Flatbuffers	All	All	All	All
Application	Google	Flatbuffers	All	All	All	All
cpe:2.3:a:google:flatbuffers:*:*:*:*:rust:*:*						
cpe:2.3:a:google:flatbuffers:*:*:*:*:rust:*:*						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @martin_uecker	@inthehands @__phantomderp @IanColdwater I think the ABI issues with bool are a much bigger problem, e.g. cvedetails.com/cve/CVE-2019-2...	2021-10-31 14:14:52

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