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RUSTSEC-2020-0111

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may_queue's Queue lacks Send/Sync bound for its Send/Sync trait.

Reported November 10, 2020

Issued January 20, 2021 (last modified: October 19, 2021)

Package [may_queue](#) ([crates.io](#))

Type Vulnerability

Categories [memory-corruption](#)
[thread-safety](#)

Keywords [#concurrency](#)

Aliases [CVE-2020-36217](#)

Details <https://github.com/Xudong-Huang/may/issues/88>

CVSS Score 5.9 MEDIUM

CVSS Details

Attack vector	Network
Attack complexity	High
Privileges required	None
User interaction	None
Scope	Unchanged
Confidentiality	None
Integrity	None
Availability	High

CVSS Vector [CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H](#)

Patched no patched versions

Description

Affected versions of `may_queue` implements `Send` / `Sync` for its `Queue` type without restricting it to `Send` able types and `Sync` able types.

This allows non- `Sync` types such as `Cell` to be shared across threads leading to undefined behavior and memory corruption in concurrent programs.