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RUSTSEC-2020-0133

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Queue should have a Send bound on its Send/Sync traits

Reported November 15, 2020

Issued January 30, 2021 (last modified: October 19, 2021)

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

Type Vulnerability

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

Aliases [CVE-2020-36453](#)

Details <https://github.com/rossdylan/rust-scottqueue/issues/1>

CVSS Score 8.1 HIGH

CVSS Details

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

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

Patched no patched versions

Description

Affected versions of this crate unconditionally implements `Send` / `Sync` for `Queue<T>`.

This allows (1) creating data races to a `T: !Sync` and (2) sending `T: !Send` to other threads, resulting in memory corruption or other undefined behavior.