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RUSTSEC-2020-0092

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Send/Sync bound needed on V in `impl Send/Sync for ARCache<K, V>`

Reported November 13, 2020

Issued December 17, 2020 (last modified: October 19, 2021)

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

Type INFO Unsound

Categories [thread-safety](#)

Aliases [CVE-2020-35928](#)

Details <https://github.com/kanidm/concread/issues/48>

CVSS Score 4.7 MEDIUM

CVSS Details

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

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

Patched `>=0.2.6`

Description

Affected versions of this crate unconditionally implemented `Send / Sync` traits for `ARCache<K, V>` type.

This allows users to send/access types that do not implement `Send / Sync`, which can cause a data race.

The flaw was corrected in the 0.2.6 release by adding bounds `K: Send + Sync & V: Send + Sync` to affected `Send / Sync` trait implementations.