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RUSTSEC-2020-0129

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ShmWriter allows sending non-Send type across threads

Reported	December 18, 2020																
Issued	January 30, 2021 (last modified: October 19, 2021)																
Package	kekbit (crates.io)																
Type	Vulnerability																
Categories	memory-corruption thread-safety																
Aliases	CVE-2020-36449																
Details	https://github.com/motoras/kekbit/issues/34																
CVSS Score	8.1 HIGH																
CVSS Details	<table><tr><td>Attack vector</td><td>Network</td></tr><tr><td>Attack complexity</td><td>High</td></tr><tr><td>Privileges required</td><td>None</td></tr><tr><td>User interaction</td><td>None</td></tr><tr><td>Scope</td><td>Unchanged</td></tr><tr><td>Confidentiality</td><td>High</td></tr><tr><td>Integrity</td><td>High</td></tr><tr><td>Availability</td><td>High</td></tr></table>	Attack vector	Network	Attack complexity	High	Privileges required	None	User interaction	None	Scope	Unchanged	Confidentiality	High	Integrity	High	Availability	High
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Scope	Unchanged																
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Availability	High																
CVSS Vector	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H																
Patched	>=0.3.4																

Description

Affected versions of this crate implement `Send` for `ShmWriter<H>` without requiring `H: Send`. This allows users to send `H: !Send` to other threads, which can potentially lead to data races and undefined behavior.