

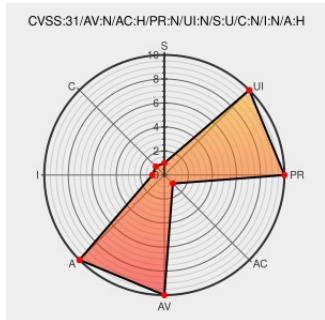


# CVE-2020-36219

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## CVE-2020-36219

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

Certain versions of [Atomic-option](#) from [Atomic-option Project](#) contain the following vulnerability:

An issue was discovered in the atomic-option crate through 2020-10-31 for Rust. Because AtomicOption<T> implements Sync unconditionally, a data race can occur.

CVE-2020-36219 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.9 - MEDIUM**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>HIGH</b>            | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

CVSS2 Score: **4.3 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>NONE</b>       | <b>PARTIAL</b>      |

## CVE References

| Description                               | Tags                                                                                                                   | Link                                                                                                              |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| About RustSec › RustSec Advisory Database | <a href="#">Exploit</a><br><a href="#">Vendor Advisory</a><br><a href="#">rustsec.org</a><br><a href="#">text/html</a> | <a href="https://rustsec.org/advisories/RUSTSEC-2020-0113.html">rustsec.org/advisories/RUSTSEC-2020-0113.html</a> |

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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                                                     | <a href="#">Atomic-option Project</a> | <a href="#">Atomic-option</a> | All     | All    | All     | All      |
| cpe:2.3:a:atomic-option_project:atomic-option:*:*:*:*:rust:*:*: |                                       |                               |         |        |         |          |

No vendor comments have been submitted for this CVE

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