



# CVE-2020-36317

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## Summary

<b>CVE</b>	CVE-2020-36317
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-04-11 20:15:00 UTC
<b>Updated</b>	2022-06-28 14:11:00 UTC
<b>Description</b>	In the standard library in Rust before 1.49.0, String::retain() function has a panic safety problem. It allows creation of a non-

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Rust-lang	Rust	All	All	All	All

## References

Reference	Source
String::retain allows safely creating invalid (non-utf8) strings when abusing panic · Issue #78498 · rust-lang/rust · GitHub	MISC
Prevent String::retain from creating non-utf8 strings when abusing panic by SkiFire13 · Pull Request #78499 · rust-lang/rust · GitHub	MISC
CVE Program record	CVE.O
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">159229</a> Oracle Enterprise Linux Security Update for rust-toolset:ol8 (ELSA-2021-1935)
<a href="#">239287</a> Red Hat Update for rust-toolset:rhel8 (RHSA-2021:1935)
<a href="#">296065</a> Oracle Solaris 11.4 Support Repository Update (SRU) 39.107.1 Missing (CPUOCT2021)
<a href="#">900062</a> CBL-Mariner Linux Security Update for rust 1.47.0

[902881](#) Common Base Linux Mariner (CBL-Mariner) Security Update for rust (4080)

[940382](#) AlmaLinux Security Update for rust-toolset:rhel8 (ALSA-2021:1935)

[960878](#) Rocky Linux Security Update for rust-toolset:rhel8 (RLSA-2021:1935)

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