



CVE-2021-28875

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2021-28875
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-04-11 20:15:00 UTC
Updated	2022-11-03 19:38:00 UTC
Description	In the standard library in Rust before 1.50.0, read_to_end() does not validate the return value from Read in an unsafe conte

Risk And Classification

Problem Types: CWE-252

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	Link
Rust: Multiple Vulnerabilities (GLSA 202210-09) — Gentoo security	GENTOO	security.gentoo.o
Fix handling of malicious Readers in read_to_end by sfacler · Pull Request #80895 · rust-lang/rust · GitHub	MISC	github.com
Heap buffer overflow in `read_to_end_with_reservation()` · Issue #80894 · rust-lang/rust · GitHub	MISC	github.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159344](#) Oracle Enterprise Linux Security Update for rust-toolset:ol8 (ELSA-2021-3063)

[182504](#) Debian Security Update for rustc (CVE-2021-28875)

[239538](#) Red Hat Update for rust-toolset:rhel8 (RHSA-2021:3063)

296065 Oracle Solaris 11.4 Support Repository Update (SRU) 39.107.1 Missing (CPUOCT2021)
377347 Alibaba Cloud Linux Security Update for rust-toolset:rhel8 (ALINUX3-SA-2021:0061)
710640 Gentoo Linux Rust Multiple Vulnerabilities (GLSA 202210-09)
900062 CBL-Mariner Linux Security Update for rust 1.47.0
903213 Common Base Linux Mariner (CBL-Mariner) Security Update for rust (4082)
940361 AlmaLinux Security Update for rust-toolset:rhel8 (ALSA-2021:3063)
960098 Rocky Linux Security Update for rust-toolset:rhel8 (RLSA-2021:3063)

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