



CVE-2021-28878

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2021-28878
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-04-11 20:15:00 UTC
Updated	2023-11-07 03:32:00 UTC
Description	In the standard library in Rust before 1.52.0, the Zip implementation calls <code>__iterator_get_unchecked()</code> more than once for th

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Application	Rust-lang	Rust	All	All	All	All

References

Reference
[SECURITY] Fedora 32 Update: rust-1.51.0-3.fc32 - package-announce - Fedora Mailing-Lists
Rust: Multiple Vulnerabilities (GLSA 202210-09) — Gentoo security
[SECURITY] Fedora 34 Update: rust-1.51.0-3.fc34 - package-announce - Fedora Mailing-Lists
Zip may call <code>__iterator_get_unchecked</code> twice with the same index · Issue #82291 · rust-lang/rust · GitHub
Prevent specialized ZipImpl from calling <code>__iterator_get_unchecked</code> twice with the same index by SkiFire13 · Pull Request #82292 · rust-lang/
[SECURITY] Fedora 33 Update: rust-1.51.0-3.fc33 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 32 Update: rust-1.51.0-3.fc32 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 34 Update: rust-1.51.0-3.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 33 Update: rust-1.51.0-3.fc33 - package-announce - Fedora Mailing-Lists
CVE Program record

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)
184990	Debian Security Update for rustc (CVE-2021-28878)
239538	Red Hat Update for rust-toolset:rhel8 (RHSA-2021:3063)
281294	Fedora Security Update for rust (FEDORA-2021-b1ba54add6)
281295	Fedora Security Update for rust (FEDORA-2021-d7f74f0250)
281296	Fedora Security Update for rust (FEDORA-2021-d0ba1901ca)
296065	Oracle Solaris 11.4 Support Repository Update (SRU) 39.107.1 Missing (CPUOCT2021)
353979	Amazon Linux Security Advisory for rust : ALAS2-2022-1816
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
902947	Common Base Linux Mariner (CBL-Mariner) Security Update for rust (4085)
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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