



CVE-2021-28879

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Summary

CVE	CVE-2021-28879
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 can report an incorrect size due to an integer overflow.

Risk And Classification

Problem Types: CWE-190

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	Source	Link
[SECURITY] Fedora 32 Update: rust-1.51.0-3.fc32 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
Rust: Multiple Vulnerabilities (GLSA 202210-09) — Gentoo security	GENTOO	security.gentoo.org
Fix underflow in specialized ZipImpl::size_hint by SkiFire13 · Pull Request #82289 · rust-lang/rust · GitHub	MISC	github.com
Side effect handling in specialized zip implementation causes buffer overflow · Issue #82282 · rust-lang/rust · GitHub	MISC	github.com
[SECURITY] Fedora 34 Update: rust-1.51.0-3.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 33 Update: rust-1.51.0-3.fc33 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 32 Update: rust-1.51.0-3.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 34 Update: rust-1.51.0-3.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 33 Update: rust-1.51.0-3.fc33 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
CVE Program record	CVE.ORG	www.cve.org

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)
183103 Debian Security Update for rustc (CVE-2021-28879)
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)
900032 CBL-Mariner Linux Security Update for rust 1.47.0
903188 Common Base Linux Mariner (CBL-Mariner) Security Update for rust (4151)
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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