CVE-2019-15541

Published on: 08/26/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:45 PM UTC

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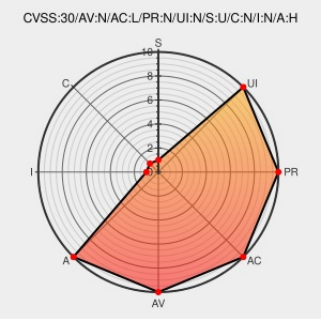
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Rustls from Rustls Project contain the following vulnerability:

rustls-mio/examples/tlsserver.rs in the rustls crate before 0.16.0 for Rust allows attackers to cause a denial of service (loop of conn_event and ready) by arranging for a client to never be writable.

CVE-2019-15541 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.5 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
tlsserver: fix loop when client will never be writable · ctz/rustls@a93ee1a · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/ctz/rustls/commit/a93ee1abd2ab19ebe4bf9d684d56637ee54a6074

Comparing cd66549...17ee52c · ctz/rustls · GitHub	Release Notes Third Party Advisory github.com text/html	MISC github.com/ctz/rustls/compare/cd66549...17ee52c
bug in rustls-mio · Issue #285 · ctz/rustls · GitHub	Exploit Issue Tracking Third Party Advisory github.com text/html	MISC github.com/ctz/rustls/issues/285

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Rustls Project	Rustls	All	All	All	All
Application	Rustls Project	Rustls	All	All	All	All

cpe:2.3:a:rustls_project:rustls:*:*:*:*:*:*:*:*:

cpe:2.3:a:rustls_project:rustls:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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