CVE-2022-29077

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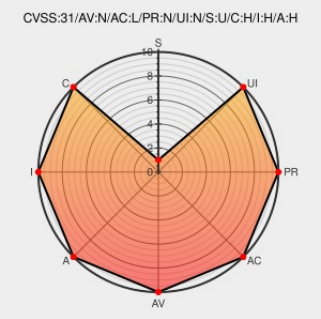
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Rippled from Ripple contain the following vulnerability:

A heap-based buffer overflow exists in rippled before 1.8.5. The vulnerability allows attackers to cause a crash or execute commands remotely on a rippled node, which may lead to XRPL mainnet DoS or compromise. This exposes all digital assets on the XRPL to a security threat.

CVE-2022-29077 has been assigned by cve@mitre.org to track the vulnerability - currently rated as CRITICAL severity.

CVSS3 Score: 9.8 - CRITICAL

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

CVSS2 Score: 7.5 - HIGH

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

CVE References

Description	Tags	Link
Global Payment Solutions - Instant Processing | Ripple	ripple.com text/html	MISC ripple.com/
Comparing 1.8.4...1.8.5 · ripple/rippled · GitHub	github.com	MISC github.com/ripple/rippled/compare/1.8.4...1.8.5

Comparing 1.8.4...1.8.5 · ripple/rippled · GitHub	text/html	MISC github.com/ripple/rippled/compare/1.8.4...1.8.5
Introducing XRP Ledger version 1.8.5 - XRP Ledger Blog	xrpl.org text/html	{x} MISC xrpl.org/blog/2022/rippled-1.8.5.html

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ripple	Rippled	All	All	All	All

cpe:2.3:a:ripple:rippled:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-29077 : A heap-based buffer overflow exists in rippled before 1.8.5. The vulnerability allows attackers to… twitter.com/i/web/status/1…	2022-04-25 03:08:04
/r/netcve	CVE-2022-29077	2022-04-25 03:39:12

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CVE.report and Source URL Uptime Status status.cve.report