



CVE-2022-29189

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CVE-2022-29189 - advisory for GHSA-cx94-mrg9-rq4j

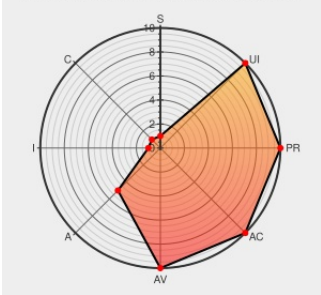
Source: Mitre

Source: NIST

CVE.ORG

Print: PDF

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:L



Certain versions of **Dtls** from **Pion** contain the following vulnerability:

Pion DTLS is a Go implementation of Datagram Transport Layer Security. Prior to version 2.1.4, a buffer that was used for inbound network traffic had no upper limit. Pion DTLS would buffer all network traffic from the remote user until the handshake completes or timed out. An attacker could exploit this to cause excessive memory usage. Version 2.1.4 contains a patch for this issue. There are currently no

known workarounds available.

CVE-2022-29189 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: pion - dtls version < 2.1.4

CVSS3 Score: **5.3 - MEDIUM**

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

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
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Description	Tags	Link
Add limit to fragmentBuffer · pion/dtls@a6397ff · GitHub	github.com text/html	MISC github.com/pion/dtls/commit/a6397ff7282bc56dc37a68ea9211702edb4de1de
Buffer for inbound DTLS fragments has no limit · Advisory · pion/dtls · GitHub	github.com text/html	CONFIRM github.com/pion/dtls/security/advisories/GHSA-cx94-mrg9-rq4j
Release v2.1.4 · pion/dtls · GitHub	github.com text/html	MISC github.com/pion/dtls/releases/tag/v2.1.4

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Related QID Numbers

184297 Debian Security Update for snowflake (CVE-2022-29189)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Pion	Dtls	All	All	All	All
<code>cpe:2.3:a:pion:dtls:*:*:*:*:*:*</code>						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-29189 : Pion DTLS is a Go implementation of Datagram Transport Layer Security. Prior to version 2.1.4, a b... twitter.com/i/web/status/1...	2022-05-21 00:03:50
/r/netcve	CVE-2022-29189	2022-05-21 01:38:54

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