



CVE-2023-40296

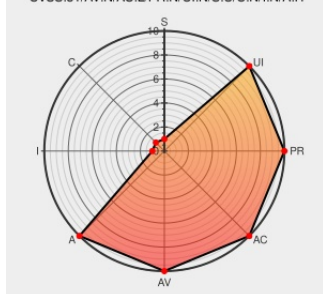
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

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



Certain versions of [Async-sockets-cpp](#) from [Eminfedar](#) contain the following vulnerability:

async-sockets-cpp through 0.3.1 has a stack-based buffer overflow in ReceiveFrom and Receive in udpsocket.hpp when processing malformed UDP packets.

CVE-2023-40296 has been assigned by [M](#) 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

CVE References

Description	Tags	Link
Stack Buffer Overflow in static void ReceiveFrom(UDPSocket* udpSocket) at udpsocket.hpp · Issue #32 · eminfedar/async-sockets-cpp · GitHub	github.com text/html	MISC github.com/eminfedar/async-sockets-cpp/issues/32

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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	Eminfedar	Async-sockets-cpp	All	All	All	All
cpe:2.3:a:eminfedar:async-sockets-cpp:*:*:*:*:*:						
No vendor comments have been submitted for this CVE						
← Previous ID			Next ID →			