



CVE-2021-4236

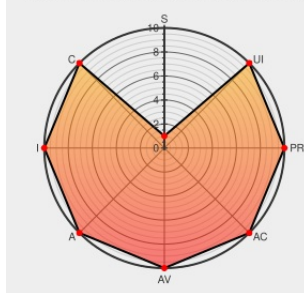
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

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



Certain versions of [Web](#) from [Web Project](#) contain the following vulnerability:

Web Sockets do not execute any AuthenticateMethod methods which may be set, leading to a nil pointer dereference if the returned UserData pointer is assumed to be non-nil, or authentication bypass. This issue only affects WebSockets with an AuthenticateMethod hook. Request handlers that do not explicitly use WebSockets are not

vulnerable.

CVE-2021-4236 has been assigned by [security@golang.org](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [github.com/ecnepsnai/web](#) - [github.com/ecnepsnai/web](#) version < 1.5.2

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

CVE References

Description	Tags	Link
GO-2021-0107 - Go Packages	pkg.go.dev text/html	MISC pkg.go.dev/vuln/GO-2021-0107
Fix: websocket requests were not authenticated · ecnepsnai/web@5a78f8d · GitHub	github.com text/html	MISC github.com/ecnepsnai/web/commit/5a78f8d5c41ce60dcf9f61aaf47a7a8dc3e0002f

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

Web Sockets do not execute any AuthenticateMethod methods which may be set, leading to a nil pointer dereference if t...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Web Project	Web	All	All	All	All
cpe:2.3:a:web_project:web:*:*:*:*:go:*:*						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-4236 : Web Sockets do not execute any AuthenticateMethod methods which may be set, leading to a nil pointe... twitter.com/i/web/status/1...	2022-12-27 22:11:54
 /r/netcve	CVE-2021-4236	2022-12-27 22:38:21

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