CVE-2023-32691

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CVE-2023-32691 - advisory for GHSA-qjrq-hm79-49ww

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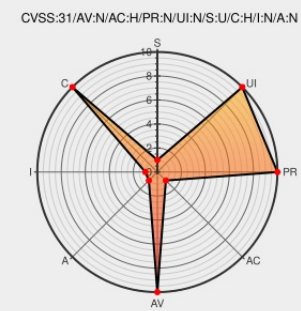

Certain versions of Go Simple Tunnel from Go Simple Tunnel Project contain the following vulnerability:

gost (GO Simple Tunnel) is a simple tunnel written in golang. Sensitive secrets such as passwords, token and API keys should be compared only using a constant-time comparison function. Untrusted input, sourced from a HTTP header, is compared directly with a secret. Since this comparison is not secure, an attacker can mount a side-channel timing attack to guess the password. As a workaround, this can be easily fixed using a constant time comparing function such as `crypto/subtle`'s `ConstantTimeCompare`.

CVE-2023-32691 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **ginuerzh** - **gost** version **= <= 2.11.5**

CVSS3 Score: 5.9 - MEDIUM

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

CVE References

Description	Tags	Link
gost/auth.go at 1c62376e0880e4094bd3731e06bd4f7842638f6a · ginuerzh/gost · GitHub	github.com text/html	MISC github.com/ginuerzh/gost/blob/1c62376e0880e4094bd3731e06bd4f784263
Timing Attack in ginuerzh/gost · Advisory · ginuerzh/gost · GitHub	github.com text/html	MISC github.com/ginuerzh/gost/security/advisories/GHSA-qjrq-hm79-49v

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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	Go Simple Tunnel Project	Go Simple Tunnel	All	All	All	All

cpe:2.3:a:go_simple_tunnel_project:go_simple_tunnel:*:*:*:*:*:go:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

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