CVE-2023-24533

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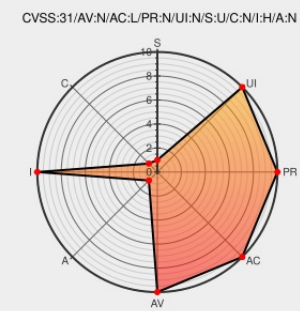

Certain versions of Nistec from Nistec Project contain the following vulnerability:

Multiplication of certain unreduced P-256 scalars produce incorrect results. There are no protocols known at this time that can be attacked due to this.

CVE-2023-24533 has been assigned by security@golang.org to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **filippo.io/nistec** - **filippo.io/nistec** version **< 0.0.2**

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	HIGH	NONE

CVE References

Description	Tags	Link
crypto/internal/nistec: reduce P-256 scalar · FiloSottile/nistec@c58aa12 · GitHub	github.com text/html	MISC github.com/FiloSottile/nistec/commit/c58aa1223ccf3943513e1e661cebce95af137244
crypto/elliptic: specific unreduced P-256 scalars produce incorrect results (CVE-2023-24532) · Issue #58647 · golang/go · GitHub	go.dev text/html	MISC go.dev/issue/58647
GO-2023-1595 - Go Packages	pkg.go.dev text/html	MISC pkg.go.dev/vuln/GO-2023-1595

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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	Nistec Project	Nistec	All	All	All	All

cpe:2.3:a:nistec_project:nistec:*:*:*:*:*:go:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

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/r/netcve	CVE-2023-24533	2023-03-08 21:38:09

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