CVE-2023-25656

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CVE-2023-25656 - advisory for GHSA-87x9-7grx-m28v

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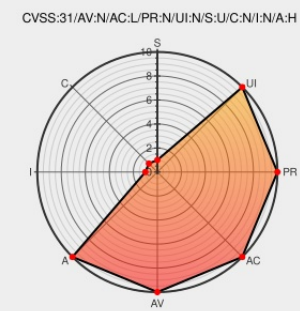

Certain versions of Notation-go from Notation-go Project contain the following vulnerability:

notation-go is a collection of libraries for supporting Notation sign, verify, push, and pull of oci artifacts. Prior to version 1.0.0-rc.3, notation-go users will find their application using excessive memory when verifying signatures. The application will be killed, and thus availability is impacted. The problem has been patched in the release v1.0.0-rc.3. Some workarounds are available. Users can review their own trust policy file and check if the identity string contains `=#`. Meanwhile, users should only put trusted certificates in their trust stores referenced by their own trust policy files, and make sure the `authenticity` validation is set to `enforce`.

CVE-2023-25656 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **notaryproject** - **notation-go** version **< 1.0.0-rc.3**

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
Release v1.0.0-rc.3 · notaryproject/notation-go · GitHub	github.com text/html	MISC github.com/notaryproject/notation-go/releases/tag/v1.0.0-rc.3
Excessive memory allocation on verification · Advisory · notaryproject/notation-go · GitHub	github.com text/html	MISC github.com/notaryproject/notation-go/security/advisories/GHSA-87x9-7grx-m28v

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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	Notation-go Project	Notation-go	0.7.0	alpha1	All	All
Application	Notation-go Project	Notation-go	0.8.0	alpha1	All	All
Application	Notation-go Project	Notation-go	0.9.0	alpha1	All	All

cpe:2.3:a:notation-go_project:notation-go:0.7.0:alpha1:*:*:*:*:*:*:

cpe:2.3:a:notation-go_project:notation-go:0.8.0:alpha1:*:*:*:*:*:*:

cpe:2.3:a:notation-go_project:notation-go:0.9.0:alpha1:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2023-25656 : notation-go is a collection of libraries for supporting Notation sign, verify, push, pull of oci a… twitter.com/i/web/status/1…	2023-02-20 16:03:33
/r/netcve	CVE-2023-25656	2023-02-20 17:38:09

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