



# CVE-2022-41723

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2022-41723
<b>State</b>	PUBLIC
<b>Assigner</b>	security@golang.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-02-28 18:15:00 UTC
<b>Updated</b>	2023-11-25 11:15:00 UTC
<b>Description</b>	A maliciously crafted HTTP/2 stream could cause excessive CPU consumption in the HPACK decoder, sufficient to cause a

## Risk And Classification

**Problem Types:** NVD-CWE-Other

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Golang</a>	<a href="#">Go</a>	All	All	All	All
Application	<a href="#">Golang</a>	<a href="#">Go</a>	1.20.0	-	All	All
Application	<a href="#">Golang</a>	<a href="#">Hpack</a>	All	All	All	All
Application	<a href="#">Golang</a>	<a href="#">Hpack</a>	All	All	All	All
Application	<a href="#">Golang</a>	<a href="#">Http2</a>	All	All	All	All
Application	<a href="#">Golang</a>	<a href="#">Http2</a>	All	All	All	All

## References

Reference	Source	Link
Go: Multiple Vulnerabilities (GLSA 202311-09) — Gentoo security		<a href="#">security.gentoo.org</a>
net/http: avoid quadratic complexity in HPACK decoding (CVE-2022-41723) · Issue #57855 · golang/go · GitHub	MISC	<a href="#">go.dev</a>
go.dev/cl/468295	MISC	<a href="#">go.dev</a>
lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/messag...		<a href="#">lists.fedoraproject.org</a>
[SECURITY] Fedora 38 Update: skopeo-1.11.2-1.fc38 - package-announce - Fedora Mailing-Lists	MISC	<a href="#">lists.fedoraproject.org</a>
lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/messag...		<a href="#">lists.fedoraproject.org</a>
lists.fedoraproject.org/archives/list/package-announce@lists.fedoraproject.org/messag...		<a href="#">lists.fedoraproject.org</a>
Enterprise Security Alerts & Advisories for Couchbase		<a href="#">www.couchbase.com</a>

go.dev/cl/468135	MISC	<a href="https://go.dev">go.dev</a>
[security] Go 1.20.1 and Go 1.19.6 are released	MISC	<a href="https://groups.google.com">groups.google</a>
GO-2023-1571 - Go Packages	MISC	<a href="https://pkg.go.dev">pkg.go.dev</a>
[SECURITY] Fedora 37 Update: skopeo-1.11.2-1.fc37 - package-announce - Fedora Mailing-Lists	MISC	<a href="https://lists.fedoraproject.org">lists.fedorapro</a>
[SECURITY] Fedora 37 Update: doctl-1.93.1-2.fc37 - package-announce - Fedora Mailing-Lists	MISC	<a href="https://lists.fedoraproject.org">lists.fedorapro</a>
[SECURITY] Fedora 37 Update: golang-github-cli-gh-1.2.1-2.fc37 - package-announce - Fedora Mailing-Lists	MISC	<a href="https://lists.fedoraproject.org">lists.fedorapro</a>
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">161061</a> Oracle Enterprise Linux Security Update for skopeo (ELSA-2023-6363)
<a href="#">161062</a> Oracle Enterprise Linux Security Update for containernetworking-plugins (ELSA-2023-6402)
<a href="#">161063</a> Oracle Enterprise Linux Security Update for podman (ELSA-2023-6474)
<a href="#">161105</a> Oracle Enterprise Linux Security Update for buildah (ELSA-2023-6473)
<a href="#">161175</a> Oracle Enterprise Linux Security Update for container-tools:ol8 (ELSA-2023-6939)
<a href="#">161187</a> Oracle Enterprise Linux Security Update for container-tools:4.0 (ELSA-2023-6938)
<a href="#">184112</a> Debian Security Update for golang-1.19golang-golang-x-net (CVE-2022-41723)
<a href="#">241546</a> Red Hat OpenShift Container Platform 4.13 Security Update (RHSA-2023:1325)
<a href="#">241580</a> Red Hat Update for OpenStack Platform 16.1 (RHSA-2023:3447)
<a href="#">241582</a> Red Hat Update for OpenStack Platform 16.2 (RHSA-2023:3445)
<a href="#">242287</a> Red Hat Update for buildah (RHSA-2023:6473)
<a href="#">242288</a> Red Hat Update for toolbox (RHSA-2023:6346)
<a href="#">242299</a> Red Hat Update for containernetworking-plugins (RHSA-2023:6402)
<a href="#">242319</a> Red Hat Update for skopeo (RHSA-2023:6363)
<a href="#">242335</a> Red Hat Update for podman security (RHSA-2023:6474)
<a href="#">242415</a> Red Hat Update for container-tools:rhel8 (RHSA-2023:6939)
<a href="#">242456</a> Red Hat Update for rhc security (RHSA-2023:7058)
<a href="#">242458</a> Red Hat Update for container-tools:4.0 (RHSA-2023:6938)
<a href="#">242991</a> Red Hat OpenShift Container Platform 4.13 Security Update (RHSA-2024:0948)

<a href="#">283815</a> Fedora Security Update for gmailctl (FEDORA-2023-ca444fdecf)
<a href="#">283816</a> Fedora Security Update for gmailctl (FEDORA-2023-abb47e24d8)
<a href="#">283875</a> Fedora Security Update for skopeo (FEDORA-2023-28c182b657)
<a href="#">283903</a> Fedora Security Update for gh (FEDORA-2023-cb20f08a4e)
<a href="#">283927</a> Fedora Security Update for doctl (FEDORA-2023-3737bc1c0a)
<a href="#">284205</a> Fedora Security Update for skopeo (FEDORA-2023-ccaf5538dd)
<a href="#">284244</a> Fedora Security Update for gmailctl (FEDORA-2023-8c02aee138)
<a href="#">284753</a> Fedora Security Update for podman (FEDORA-2023-e359fd31d2)
<a href="#">284754</a> Fedora Security Update for podman (FEDORA-2023-a5a5542890)
<a href="#">285148</a> Fedora Security Update for podman (FEDORA-2023-327346caa5)
<a href="#">285300</a> Fedora Security Update for golang (FEDORA-2023-dc7cceb285)
<a href="#">285301</a> Fedora Security Update for rclone (FEDORA-2023-2f0957b051)
<a href="#">285304</a> Fedora Security Update for caddy (FEDORA-2023-30431913bc)
<a href="#">354890</a> Amazon Linux Security Advisory for golang : ALAS2-2023-2015
<a href="#">354901</a> Amazon Linux Security Advisory for golang : ALAS-2023-1731
<a href="#">355210</a> Amazon Linux Security Advisory for golang : ALAS2023-2023-142
<a href="#">355611</a> Amazon Linux Security Advisory for rclone : ALAS2-2023-2143
<a href="#">355639</a> Amazon Linux Security Advisory for docker : ALAS2023-2023-260
<a href="#">355774</a> Amazon Linux Security Advisory for cni-plugins : ALAS2-2023-2192
<a href="#">355781</a> Amazon Linux Security Advisory for cri-tools : ALAS2-2023-2194
<a href="#">355782</a> Amazon Linux Security Advisory for nerdctl : ALAS2-2023-2193
<a href="#">355797</a> Amazon Linux Security Advisory for containerd : ALAS2NITRO-ENCLAVES-2023-026
<a href="#">355837</a> Amazon Linux Security Advisory for containerd : ALAS2DOCKER-2023-029
<a href="#">355883</a> Amazon Linux Security Advisory for nerdctl : ALAS2023-2023-313
<a href="#">356304</a> Amazon Linux Security Advisory for golang : ALASGOLANG1.19-2023-002
<a href="#">356363</a> Amazon Linux Security Advisory for containerd : ALAS-2023-1849
<a href="#">356428</a> Amazon Linux Security Advisory for amazon-ssm-agent : ALAS2-2023-2303
<a href="#">356458</a> Amazon Linux Security Advisory for amazon-ssm-agent : ALAS-2023-1866

<a href="#">356521</a> Amazon Linux Security Advisory for amazon-ssm-agent : ALAS2023-2023-388
<a href="#">356553</a> Amazon Linux Security Advisory for docker : ALAS-2023-1881
<a href="#">379641</a> Alibaba Cloud Linux Security Update for container-tools:rhel8 (ALINUX3-SA-2024:0050)
<a href="#">502861</a> Alpine Linux Security Update for go
<a href="#">503186</a> Alpine Linux Security Update for go
<a href="#">503217</a> Alpine Linux Security Update for podman
<a href="#">506079</a> Alpine Linux Security Update for go
<a href="#">506160</a> Alpine Linux Security Update for podman
<a href="#">672934</a> EulerOS Security Update for golang (EulerOS-SA-2023-1822)
<a href="#">672950</a> EulerOS Security Update for golang (EulerOS-SA-2023-1804)
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<a href="#">673009</a> EulerOS Security Update for golang (EulerOS-SA-2023-1869)
<a href="#">673077</a> EulerOS Security Update for golang (EulerOS-SA-2023-2146)
<a href="#">673123</a> EulerOS Security Update for golang (EulerOS-SA-2023-2292)
<a href="#">673132</a> EulerOS Security Update for golang (EulerOS-SA-2023-2268)
<a href="#">673963</a> EulerOS Security Update for golang (EulerOS-SA-2024-1269)
<a href="#">691061</a> Free Berkeley Software Distribution (FreeBSD) Security Update for go (3d73e384-ad1f-11ed-983c-83fe35862e3a)
<a href="#">710791</a> Gentoo Linux Go Multiple Vulnerabilities (GLSA 202311-09)
<a href="#">753772</a> SUSE Enterprise Linux Security Update for go1.19 (SUSE-SU-2023:0733-1)
<a href="#">753815</a> SUSE Enterprise Linux Security Update for SUSE Manager Client Tools (SUSE-SU-2023:0812-1)
<a href="#">753836</a> SUSE Enterprise Linux Security Update for go1.18 (SUSE-SU-2023:0869-1)
<a href="#">753839</a> SUSE Enterprise Linux Security Update for container-suseconnect (SUSE-SU-2023:0871-1)
<a href="#">754047</a> SUSE Enterprise Linux Security Update for go1.18-openssl (SUSE-SU-2023:2312-1)
<a href="#">754978</a> SUSE Enterprise Linux Security Update for SUSE Manager Client Tools (SUSE-SU-2023:3868-1)
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<a href="#">755121</a> SUSE Enterprise Linux Security Update for helm (SUSE-SU-2023:4124-1)
<a href="#">755846</a> SUSE Enterprise Linux Security Update for golang-github-prometheus-prometheus (SUSE-SU-2023:2598-1)
<a href="#">770186</a> Red Hat OpenShift Container Platform 4.13 Security Update (RHSA-2023:1325)
<a href="#">770233</a> Red Hat OpenShift Container Platform 4.13 Security Update (RHSA-2024:0948)

906749 Common Base Linux Mariner (CBL-Mariner) Security Update for telegraf (25940-1)
907411 Common Base Linux Mariner (CBL-Mariner) Security Update for skopeo (25939-1)
908026 Common Base Linux Mariner (CBL-Mariner) Security Update for golang (25350-2)
908030 Common Base Linux Mariner (CBL-Mariner) Security Update for kubevirt (26732)
908048 Common Base Linux Mariner (CBL-Mariner) Security Update for kubevirt (26732-1)
908074 Common Base Linux Mariner (CBL-Mariner) Security Update for golang (25350-4)
941383 AlmaLinux Security Update for containernetworking-plugins (ALSA-2023:6402)
941386 AlmaLinux Security Update for buildah (ALSA-2023:6473)
941391 AlmaLinux Security Update for toolbox (ALSA-2023:6346)
941399 AlmaLinux Security Update for podman (ALSA-2023:6474)
941405 AlmaLinux Security Update for skopeo (ALSA-2023:6363)
941444 AlmaLinux Security Update for container-tools:4.0 (ALSA-2023:6938)
941481 AlmaLinux Security Update for container-tools:rhel8 (ALSA-2023:6939)

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