

golang / go Public[Code](#) [Issues](#) 5k+ [Pull requests](#) 411 [Discussions](#) [Actions](#) [Projects](#)[New issue](#)

# cmd/go: trust layer bypass when using cgo and SWIG #78335

Closed

Labels

NeedsFixSecurityrelease-blockervulncheck or vulndb

Milestone

Go1.27

neild opened 2 weeks ago · edited by dr2chase

Edits ▾

Contributor ⋮

A well-crafted SWIG source file could take advantage of a file-naming convention used inside the trust boundary of the cgo compiler. Doing so could result in arbitrary code execution during build time.

SWIG files are disallowed from using this convention.

Thank you to Juho Forsén of Mattermost for reporting this issue.

This is [CVE-2026-27140](#) and Go issue <https://go.dev/issue/78335>.

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This is a PRIVATE issue for [CVE-2026-27140](#), tracked in <http://b/479232126> and fixed by <https://go-internal-review.git.corp.google.com/c/go/+3520>.

/cc @golang/security and @golang/release



neild added this to the [Go1.27](#) milestone [2 weeks ago](#)



neild added Security release-blocker [2 weeks ago](#)


 **gabyhelp** added **vulncheck or vuln...** [2 weeks ago](#)

 **dmitshur** added **NeedsFix** [2 weeks ago](#)

 **neild** [2 weeks ago](#) Contributor Author ...

**@gopherbot** please open backport issues for this security fix

 **gopherbot** mentioned this [2 weeks ago](#)


 [security: fix CVE-2026-27140 \[1.25 backport\] #78421](#)

 **gopherbot** [2 weeks ago](#) Contributor ...

Backport issue(s) opened: [#78421](#) (for 1.25), [#78422](#) (for 1.26).

Remember to create the cherry-pick CL(s) as soon as the patch is submitted to master, according to <https://go.dev/wiki/MinorReleases>.

 **gopherbot** mentioned this [2 weeks ago](#)

 [security: fix CVE-2026-27140 \[1.26 backport\] #78422](#)

 **gopherbot** [yesterday](#) Contributor ...

Change <https://go.dev/cl/763549> mentions this issue: `[release-branch.go1.26] cmd/go: disallow cgo trust boundary bypass`

 **gopherbot** [yesterday](#) Contributor ...

Change <https://go.dev/cl/763556> mentions this issue: `[release-branch.go1.25] cmd/go: disallow cgo trust boundary bypass`

 **gopherbot** added 2 commits that reference this issue [yesterday](#)

`[release-branch.go1.25] cmd/go: disallow cgo trust boundary bypass` ...

 [abaa0cb](#)



`[release-branch.go1.26] cmd/go: disallow cgo trust boundary bypass` ...

 [096f21b](#)

  **dr2chase** changed the title ~~security: fix CVE-2026-27140~~ cmd/go: trust layer bypass when using cgo and SWIG yesterday


 **gopherbot** yesterday Contributor ...

Change <https://go.dev/cl/763768> mentions this issue: `cmd/go: disallow cgo trust boundary bypass`

  **gopherbot** closed this as completed in [22f65d3](#) 16 hours ago

  **pull** added a commit that references this issue 15 hours ago

cmd/go: disallow cgo trust boundary bypass ...

 `22f65d3`

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### Metadata

#### Assignees

No one assigned

#### Labels

- NeedsFix
- Security
- release-blocker
- vulncheck or vulndb


#### Type

No type

#### Projects

No projects


#### Milestone

 **Go1.27**  
No due date

#### Relationships

None yet

#### Development

 Code with agent mode ▼

No branches or pull requests

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## Participants

