

buger / jsonparser Public

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New issue



# Panic in Delete() via slice bounds out of range [-1:] on malformed input (v1.1.1) #275

Closed



athuljayaram opened on Feb 19 · edited by athuljayaram

Edits ...

## Summary

github.com/buger/jsonparser v1.1.1 panics with a negative slice index in the `Delete()` function when given malformed JSON input. This is a denial-of-service vulnerability - any service that calls `Delete()` on untrusted input can be crashed.

## Affected version

github.com/buger/jsonparser v1.1.1 (latest)

## Root cause

parser.go:729 computes an offset that becomes -1 on malformed input and uses it as a slice index without a lower-bound check, causing an immediate panic.

[CVE-2020-10675](#) was an infinite loop in `Delete()` fixed in v1.1.0.

This is a different failure class (panic via negative slice index) on a separate code path not covered by that fix.

## Impact

Any service accepting JSON from untrusted sources and calling `Delete()` can be crashed with a single malformed payload. CVSS: ~7.5 (High).

## Panic output

panic: runtime error: slice bounds out of range [-1:]

goroutine N [running]:

github.com/buger/jsonparser.Delete(...)

parser.go:729


## Reference


<https://securityinfinity.com/research/buger-jsonparser-negative-slice-panic-dos-2026>

  **athuljayaram** mentioned this [on Feb 19](#)

 [x/vulndb: potential Go vuln in github.com/buger/jsonparser golang/vulndb#4514](#)

  **GoVulnBot** mentioned this [on Mar 18](#)

 [x/vulndb: potential Go vuln in github.com/buger/jsonparser: GHSA-6g7g-w4f8-9c9x golang/vulndb#4739](#)


 **buger** on Mar 19

Owner ...

Was solved as part of 1.1.2, thanks !

  **buger** closed this as [completed](#) [on Mar 19](#)

  **coderabbitai** mentioned this [on Mar 20](#)

 [feat: typescript/preact based schema renderer open-component-model/ocm-website#769](#)

  **weikangchia** mentioned this [last month](#)

 [chore: update jsonparser to version 1.1.2 pb33f/ordered-map#1](#)


  **ki-do** mentioned this [last month](#)

 [upgraded jsonparser lib version wot-oss/tmc#210](#)

  **cboitel** mentioned this [last month](#)

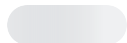
 [x/vulndb: suggestion regarding GO-2026-4514 golang/vulndb#4877](#)

  **LEEKIYOON-SEC** mentioned this [3 weeks ago](#)

 [\[Argus\] CVE-2026-32285: github.com/buger/jsonparser의 서비스 거부 취약점 LEEKIYOON-SEC/Argus-AI-Threat-Intelligence#934](#)

 **ns-codereview** added a commit that references this issue [2 weeks ago](#)

Upgrade buger/jsonparser to v1.1.2 




764def2


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


 [x/vulndb: suggestion regarding GO-2026-4514 golang/vulndb#4937](#)

  **123456890987654321** mentioned this [last week](#)

 [x/vulndb: suggestion regarding GO-2026-4514 golang/vulndb#4954](#)

  **coderabbitai** mentioned this in 2 pull requests [last week](#)

 [feat\(mcp\): add MCP server with tiered tool access specgraph/specgraph#897](#)

 [{evaluation, server, docs, examples}: support prompt iter trpc-group/trpc-agent-go#1447](#)

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### Metadata

#### Assignees

No one assigned

#### Labels

No labels

#### Projects

No projects

#### Milestone

No milestone

#### Relationships

None yet

#### Development

No branches or pull requests

#### Participants



