



# CVE-2022-23495

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2022-23495                                                                                                            |
| <b>State</b>           | PUBLIC                                                                                                                    |
| <b>Assigner</b>        | security-advisories@github.com                                                                                            |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                              |
| <b>Published</b>       | 2022-12-08 22:15:00 UTC                                                                                                   |
| <b>Updated</b>         | 2023-11-07 03:44:00 UTC                                                                                                   |
| <b>Description</b>     | go-merkledag implements the 'DAGService' interface and adds two ipld node types, Protobuf and Raw for the ipfs project. / |

## Risk And Classification

### Problem Types: CWE-252

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor   | Product      | Version | Update | Edition | Language |
|-------------|----------|--------------|---------|--------|---------|----------|
| Application | Protocol | Go-merkledag | All     | All    | All     | All      |

## References

| Reference                                                                                                        | Source  | Link                             |
|------------------------------------------------------------------------------------------------------------------|---------|----------------------------------|
| feat: check that the CidBuilder hasher is usable by rvagg · Pull Request #91 · ipfs/go-merkledag · GitHub        | MISC    | <a href="#">github.com</a>       |
| `(*ProtoNode).RawData` use incorrectly panic instead of returning · Issue #90 · ipfs/go-merkledag · GitHub       | MISC    | <a href="#">github.com</a>       |
| Directed acyclic graph - Wikipedia                                                                               | MISC    | <a href="#">en.wikipedia.org</a> |
| ProtoNode may be modified such that common method calls may panic · Advisory · ipfs/go-merkledag · GitHub        | MISC    | <a href="#">github.com</a>       |
| feat: improve broken cid.Builder testing for CidBuilder by rvagg · Pull Request #93 · ipfs/go-merkledag · GitHub | MISC    | <a href="#">github.com</a>       |
| feat: check links on setting and sanitise on encoding by rvagg · Pull Request #92 · ipfs/go-merkledag · GitHub   | MISC    | <a href="#">github.com</a>       |
| Release v0.8.0 · ipfs/go-merkledag · GitHub                                                                      | MISC    | <a href="#">github.com</a>       |
| `ipfs add` with exotic hash functions panics (the daemon and the client) · Issue #9297 · ipfs/kubo · GitHub      | MISC    | <a href="#">github.com</a>       |
| Release v0.8.1 · ipfs/go-merkledag · GitHub                                                                      | MISC    | <a href="#">github.com</a>       |
| CVE Program record                                                                                               | CVE.ORG | <a href="#">www.cve.org</a>      |
| NVD vulnerability detail                                                                                         | NVD     | <a href="#">nvd.nist.gov</a>     |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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