

# Predictable SIF UUID Identifiers

**Low** tri-adam published GHSA-4gh8-x3vv-phhg on May 7, 2021

Package	
github.com/sylabs/sif (go mod)	
Affected versions	Patched versions
<= 1.2.2	1.2.3

**Description**

**Impact**

The `siftool new` command and `func siftool.New()` produce predictable UUID identifiers due to insecure randomness in the version of the `github.com/satori/go.uuid` module used as a dependency.

**Patches**

A patch is available in version `>= v1.2.3` of the module. Users are encouraged to upgrade.

**Workarounds**

Users passing `CreateInfo struct` should ensure the `ID` field is generated using a version of `github.com/satori/go.uuid` that is not vulnerable to this issue. Unfortunately, the latest tagged release is vulnerable to this issue. One way to obtain a non-vulnerable version is:

```
go get github.com/satori/go.uuid@75cca531ea763666bc46e531da3b4c3b95f64557
```

**References**

- [satori/go.uuid#73](#)

**For more information**

If you have any questions or comments about this advisory:

- Open an issue in [github.com/sylabs/sif](#)
- Email us at [security@sylabs.io](mailto:security@sylabs.io)

Severity

Low

CVE ID  
CVE-2021-29499

Weaknesses  
No CWEs