



CVE-2021-21430

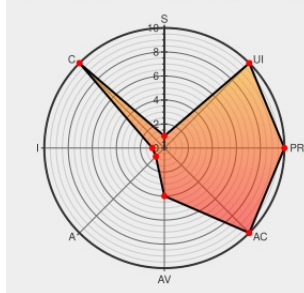
Published on: 05/10/2021 12:00:00 AM UTC

Last Modified on: 10/24/2022 08:46:00 PM UTC

CVE-2021-21430 - advisory for GHSA-cqxr-xf2w-943w

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:N/A:N



Certain versions of [Openapi Generator](#) from [Openapi-generator](#) contain the following vulnerability:

OpenAPI Generator allows generation of API client libraries (SDK generation), server stubs, documentation and configuration automatically given an OpenAPI Spec. Using `File.createTempFile` in JDK will result in creating and using insecure temporary files that can leave application and system data vulnerable to attacks. Auto-generated code (Java, Scala) that deals with uploading or downloading binary data through API endpoints will create insecure temporary files during the process. Affected generators: ``java`` (jersey2, okhttp-gson (default library)), ``scala-finch``. The issue has been patched with ``Files.createTempFile`` and released in the v5.1.0 stable version.

CVE-2021-21430 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [OpenAPITools](#) - [openapi-generator](#) version < 5.1.0

CVSS3 Score: **5.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: **2.1 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Generated Java and Scala Code Contains Local Information Disclosure Vulnerability · Advisory · OpenAPITools/openapi-generator · GitHub	github.com text/html	CONFIRM github.com/OpenAPITools/openapi-generator/security/advisories/GHSA-cqxr-xf2w-943w
[Java] use Files.createTempFile instead by wing328 · Pull Request #8787 · OpenAPITools/openapi-generator · GitHub	github.com text/html	MISC github.com/OpenAPITools/openapi-generator/pull/8787
[Scala][Finch] use Files.createTempFile to avoid potential security issues by wing328 · Pull Request #8791 · OpenAPITools/openapi-generator · GitHub	github.com text/html	MISC github.com/OpenAPITools/openapi-generator/pull/8791

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

Related QID Numbers

982598 Java (maven) Security Update for org.openapitools:openapi-generator (GHSA-cqxr-xf2w-943w)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Openapi-generator	Openapi Generator	All	All	All	All

cpe:2.3:a:openapi-generator:openapi_generator:*****:*****:*****

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-21430 : OpenAPI Generator allows generation of API client libraries SDK generation , server stubs, docume... twitter.com/i/web/status/1...	2021-05-10 19:28:35
/r/netcve	CVE-2021-21430	2021-05-10 19:41:48

← Previous ID

Next ID →

