CVE-2021-32754

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CVE-2021-32754 - advisory for GHSA-39r7-275f-rvgw

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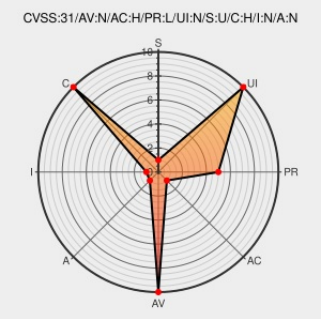

Certain versions of Flowdroid from Flowdroid Project contain the following vulnerability:

FlowDroid is a data flow analysis tool. FlowDroid versions prior to 2.9.0 contained an XML external entity (XXE) vulnerability that allowed an attacker who had control over the source/sink definition file in XML format to read files from external locations. In order for this to occur, the XML-based format for sources and sinks had to be used and the attacker had to able control the source/sink definition file. The vulnerability was patched in version 2.9.0. As a workaround, do not allow untrusted entities to control the source/sink definition file.

CVE-2021-32754 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **secure-software-engineering** - **FlowDroid** version **< 2.9.0**

CVSS3 Score: 5.3 - MEDIUM

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

CVSS2 Score: 3.5 - LOW

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Improper Restriction of XML External Entity Reference in de.tud.sse · Advisory · secure-software-engineering/FlowDroid · GitHub	github.com text/html	CONFIRM github.com/secure-software-engineering/FlowDroid/security/advisories/GHSA-39r7-275f-rvgw

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Flowdroid Project	Flowdroid	All	All	All	All

cpe:2.3:a:flowdroid_project:flowdroid:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-32754 : FlowDroid is a data flow analysis tool. FlowDroid versions prior to 2.9.0 contained an XML externa… twitter.com/i/web/status/1…	2021-07-12 23:06:13
/r/netcve	CVE-2021-32754	2021-07-12 23:41:03

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