

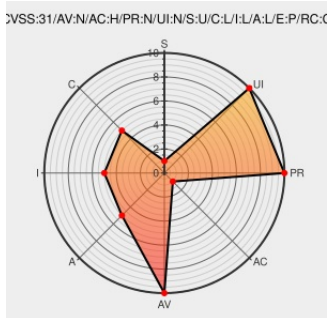


CVE-2021-23624

Published on: 11/03/2021 12:00:00 AM UTC

Last Modified on: 11/17/2021 09:38:18 PM UTC

CVE-2021-23624

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

Certain versions of [Dotty](#) from [Dotty Project](#) contain the following vulnerability:

This affects the package dotty before 0.1.2. A type confusion vulnerability can lead to a bypass of CVE-2021-25912 when the user-provided keys used in the path parameter are arrays.

CVE-2021-23624 has been assigned by [report@snyk.io](#) to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
Prototype Pollution in dotty Snyk	snyk.io text/html	MISC snyk.io/vuln/SNYK-JS-DOTTY-1577292
Address different method of prototype pollution (#32) · deoxxa/dotty@88f6186 ·	github.com text/html	MISC github.com/deoxxa/dotty/commit/88f61860dcc274a07a263c32cbe9d44c24ef02d7

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Related QID Numbers

[980207](#) Nodejs (npm) Security Update for dotty (GHSA-6g47-63mv-qpgg)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Dotty Project	Dotty	All	All	All	All
cpe:2.3:a:dotty_project:dotty:*****:.*						

Discovery Credit

Alessio Della Libera of Snyk Research Team

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-23624 : This affects the package dotty before 0.1.2. A type confusion vulnerability can lead to a bypass... twitter.com/i/web/status/1...	2021-11-03 17:28:47

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