

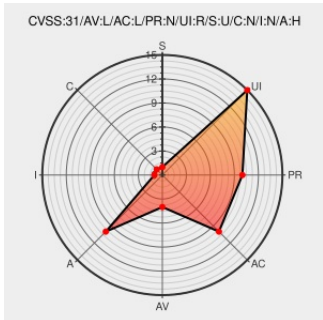


CVE-2022-44312

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CVE-2022-44312

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

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

PicoC Version 3.2.2 was discovered to contain a heap buffer overflow in the ExpressionCoerceInteger function in expression.c when called from ExpressionInfixOperator.

CVE-2022-44312 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVE References

Description	Tags	Link
Multiple Heap Buffer Overflows in PicoC at Various Locations (#48) · Issues · Zik Saleeba / picoc · GitLab	gitlab.com text/html	gitlab.com/zsaleeba/picoc/-/issues/48
Multiple Heap Buffer Overflows in PicoC at Various Locations · Issue #37 · jpoirier/picoc · GitHub	github.com text/html	github.com/jpoirier/picoc/issues/37

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There are currently no QIDs associated with this CVE

Reproduction files for CVE-2022-44312 through CVE-2022-44321

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Picoc Project	Picoc	3.2.2	All	All	All
cpe:2.3:a:picoc_project:picoc:3.2.2:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-44312 : PicoC Version 3.2.2 was discovered to contain a heap buffer overflow in the ExpressionCoerceIntege... twitter.com/i/web/status/1...	2022-11-08 15:05:23
 @Robo_Alerts	Potentially Critical CVE Detected! CVE-2022-44312 PicoC Version 3.2.2 was discovered to contain a heap buffer overf... twitter.com/i/web/status/1...	2022-11-08 15:56:01
 /r/netcve	CVE-2022-44312	2022-11-08 15:38:44

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