

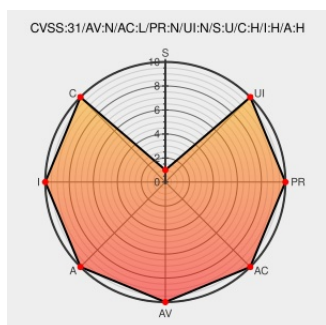


CVE-2022-42040

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CVE-2022-42040

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

Certain versions of [D8s-algorithms](#) from [Democritus](#) contain the following vulnerability:

The d8s-algorithms package for Python, as distributed on PyPI, included a potential code-execution backdoor inserted by a third party. The backdoor is the democritus-dicts package. The affected version is 0.1.0.

CVE-2022-42040 has been assigned by [M](#) cve@mitre.org 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

CVE References

Description	Tags	Link
code execution backdoor · Issue #1 · dadadadada111/info · GitHub	github.com text/html	MISC github.com/dadadadada111/info/issues/1
democritus-dicts · PyPI	pypi.org text/html	MISC pypi.org/project/democritus-dicts/
d8s-algorithms · PyPI	pypi.org text/html	MISC pypi.org/project/d8s-algorithms/

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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	Democritus	D8s-algorithms	0.1.0	All	All	All
Application	Democritus	D8s-algorithms	0.1.0	All	All	All
cpe:2.3:a:democritus:d8s-algorithms:0.1.0:*:*:*:pypl:*:*:						
cpe:2.3:a:democritus:d8s-algorithms:0.1.0:*:*:*:python:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVereport	CVE-2022-42040 : The d8s-algorithms package for Python, as distributed on PyPI, included a potential code-execution... twitter.com/i/web/status/1...	2022-10-11 22:09:44
 @Robo_Alerts	Potentially Critical CVE Detected! CVE-2022-42040 The d8s-algorithms package for Python, as distributed on PyPI, in... twitter.com/i/web/status/1...	2022-10-11 22:56:00
 /r/netcve	CVE-2022-42040	2022-10-11 23:38:40

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