



CVE-2022-40809

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

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

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

CVE-2022-40809 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
democritus-hypothesis · PyPI	pypi.org text/html	MISC pypi.org/project/democritus-hypothesis/
code execution backdoor · Issue #6 · democritus-project/d8s-dicts · GitHub	github.com text/html	MISC github.com/democritus-project/d8s-dicts/issues/6

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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 Dicts Project	Democritus Dicts	0.1.0	All	All	All
cpe:2.3:a:democritus_dicts_project:democritus_dicts:0.1.0:*:*:*:python:*:*						
No vendor comments have been submitted for this CVE						
Social Mentions						
Source	Title					Posted (UTC)
 @Robo_Alerts	Potentially Critical CVE Detected! CVE-2022-40809 The d8s-dicts for python, as distributed on PyPI, included a pote... twitter.com/i/web/status/1...					2022-09-19 15:56:00
 @CVEreport	CVE-2022-40809 : The d8s-dicts for python, as distributed on PyPI, included a potential code-execution backdoor ins... twitter.com/i/web/status/1...					2022-09-19 16:17:31
 @LinInfoSec	Python - CVE-2022-40809: pypi.org/project/democr...					2022-09-19 19:00:16
 /r/netcve	CVE-2022-40809					2022-09-19 16:39:27
← Previous ID			Next ID →			