



CVE-2022-40431

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



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

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

CVE-2022-40431 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-networking · PyPI

[pypi.org](#)
[text/html](#)

[MISC pypi.org/project/democritus-networking/](https://pypi.org/project/democritus-networking/)

code execution backdoor · Issue #5 · democritus-project/d8s-pdfs · GitHub

[github.com](#)
[text/html](#)

[MISC github.com/democritus-project/d8s-pdfs/issues/5](https://github.com/democritus-project/d8s-pdfs/issues/5)

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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	D8s-pdfs Project	D8s-pdfs	0.1.0	All	All	All
cpe:2.3:a:d8s-pdfs_project:d8s-pdfs:0.1.0:*:*:*:*:python:*:*:						
No vendor comments have been submitted for this CVE						
Social Mentions						
Source	Title					Posted (UTC)
 @CVereport	CVE-2022-40431 : The d8s-pdfs for python, as distributed on PyPI, included a potential code-execution backdoor inse... twitter.com/i/web/status/1...					2022-09-19 16:15:19
 @Robo_Alerts	Potentially Critical CVE Detected! CVE-2022-40431 The d8s-pdfs for python, as distributed on PyPI, included a poten... twitter.com/i/web/status/1...					2022-09-19 16:56:00
 @LinInfoSec	Python - CVE-2022-40431: pypi.org/project/democr...					2022-09-19 19:00:16
 /r/netcve	CVE-2022-40431					2022-09-19 16:39:21
← Previous ID			Next ID →			