

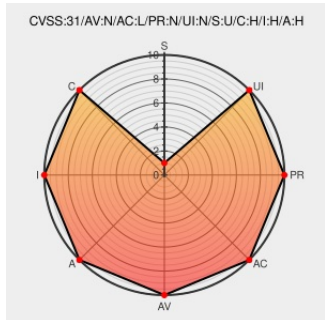


# CVE-2022-40810

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## CVE-2022-40810

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

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

The d8s-ip-addresses 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-2022-40810 has been assigned by [M](#) [cve@mitre.org](mailto: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    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

## CVE References

| Description                                                                        | Tags                                                    | Link                                                                          |
|------------------------------------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------|
| code execution backdoor · Issue #13 · democritus-project/d8s-ip-addresses · GitHub | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/democritus-project/d8s-ip-addresses/issues/13</a> |
| democritus-hypothesis · PyPI                                                       | <a href="#">pypi.org</a><br><a href="#">text/html</a>   | <a href="#">MISC pypi.org/project/democritus-hypothesis/</a>                  |

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to [comment@cve.report](mailto:comment@cve.report).

There are currently no QIDs associated with this CVE

| Known Affected Configurations (CPE V2.3)                                                      |                                                                                                                                                                      |                                         |                           |        |         |                     |
|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|---------------------------|--------|---------|---------------------|
| Type                                                                                          | Vendor                                                                                                                                                               | Product                                 | Version                   | Update | Edition | Language            |
| Application                                                                                   | <a href="#">Democritus Ip Addresses Project</a>                                                                                                                      | <a href="#">Democritus Ip Addresses</a> | 0.1.0                     | All    | All     | All                 |
| cpe:2.3:a:democritus_ip_addresses_project:democritus_ip_addresses: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-2022-40810 The d8s-ip-addresses for python, as distributed on PyPI, included... <a href="#">twitter.com/i/web/status/1...</a> |                                         |                           |        |         | 2022-09-19 15:56:00 |
|  @CVEreport   | CVE-2022-40810 : The d8s-ip-addresses for python, as distributed on PyPI, included a potential code-execution backd... <a href="#">twitter.com/i/web/status/1...</a> |                                         |                           |        |         | 2022-09-19 16:18:02 |
|  @LinInfoSec  | Python - CVE-2022-40810: <a href="#">github.com/democritus-pro...</a>                                                                                                |                                         |                           |        |         | 2022-09-19 19:00:17 |
|  /r/netcve    | <a href="#">CVE-2022-40810</a>                                                                                                                                       |                                         |                           |        |         | 2022-09-19 16:39:27 |
| <a href="#">← Previous ID</a>                                                                 |                                                                                                                                                                      |                                         | <a href="#">Next ID →</a> |        |         |                     |