



# CVE-2023-27754

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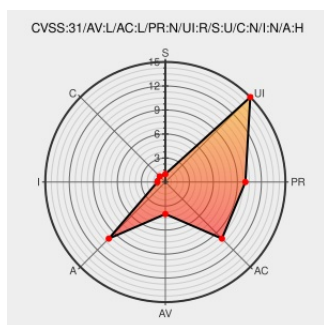
## CVE-2023-27754

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Vox2mesh](#) from [Vox2mesh Project](#) contain the following vulnerability:

vox2mesh 1.0 has stack-overflow in main.cpp, this is stack-overflow caused by incorrect use of memcpy() function. The flow allows an attacker to cause a denial of service (abort) via a crafted file.

CVE-2023-27754 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    |
|------------------|------------------------|---------------------|---------------------|
| <b>LOCAL</b>     | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

## CVE References

| Description                                          | Tags                                                    | Link                                                                                           |
|------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------------------------------------------------|
| GitHub - 10cksYiqiyinHangzhouTechnology/vox2mesh_poc | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC</a><br><a href="#">github.com/10cksYiqiyinHangzhouTechnology/vox2mesh_poc</a> |

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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                                                                                 | Vox2mesh Project                                                                                                                                                                                         | Vox2mesh | 1.0 | All | All | All                 |
| cpe:2.3:a:vox2mesh_project:vox2mesh:1.0:*:*:*:*:*:                                          |                                                                                                                                                                                                          |          |     |     |     |                     |
| No vendor comments have been submitted for this CVE                                         |                                                                                                                                                                                                          |          |     |     |     |                     |
| Social Mentions                                                                             |                                                                                                                                                                                                          |          |     |     |     |                     |
| Source                                                                                      | Title                                                                                                                                                                                                    |          |     |     |     | Posted (UTC)        |
|  @CVereport | CVE-2023-27754 : vox2mesh 1.0 has stack-overflow in main.cpp, this is stack-overflow caused by incorrect use of mem... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> |          |     |     |     | 2023-03-22 17:13:10 |
|  /r/netcve  | <a href="#">CVE-2023-27754</a>                                                                                                                                                                           |          |     |     |     | 2023-03-22 18:38:56 |

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