



# CVE-2021-41490

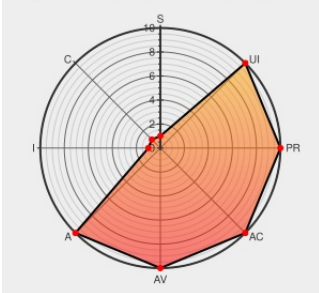
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## CVE-2021-41490

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

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



Certain versions of [Open Motion Planning Library](#) from [Rice](#) contain the following vulnerability:

Memory leaks in LazyPRM.cpp of OMPL v1.5.0 can cause unexpected behavior.

CVE-2021-41490 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

| 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>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

CVSS2 Score: **5 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>LOW</b>        | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>NONE</b>            | <b>NONE</b>       | <b>PARTIAL</b>      |

## CVE References

| Description                                                   | Tags                                                    | Link                                                 |
|---------------------------------------------------------------|---------------------------------------------------------|------------------------------------------------------|
| Memory leaks in LazyPRM.cpp · Issue #833 · ompl/ompl · GitHub | <a href="#">github.com</a><br><a href="#">text/html</a> | <a href="#">MISC github.com/ompl/ompl/issues/833</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                                                  | Rice   | Open Motion Planning Library | 1.5.0   | All    | All     | All      |
| cpe:2.3:a:rice:open_motion_planning_library:1.5.0:*:*:*:*:*: |        |                              |         |        |         |          |

No vendor comments have been submitted for this CVE

Social Mentions

| Source                                                                                      | Title                                                                                                                                                                   | Posted (UTC)        |
|---------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @CVEreport | CVE-2021-41490 : Memory leaks in LazyPRM.cpp of OMPL v1.5.0 can cause unexpected behavior.... <a href="https://cve.report/CVE-2021-41490">cve.report/CVE-2021-41490</a> | 2022-06-17 11:06:42 |
|  /r/netcve  | <a href="#">CVE-2021-41490</a>                                                                                                                                          | 2022-06-17 11:38:23 |

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