



# CVE-2021-39985

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## CVE-2021-39985

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

Certain versions of [Harmonyos](#) from [Huawei](#) contain the following vulnerability:

The HwNearbyMain module has a Improper Validation of Array Index vulnerability. Successful exploitation of this vulnerability may cause a process to restart.

CVE-2021-39985 has been assigned by psirt@huawei.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Huawei** - **HarmonyOS** version = 2.0

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                                                                                                         |
|-------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Document    | <a href="#">device.harmonyos.com</a><br><a href="#">text/html</a> | <a href="#">MISC device.harmonyos.com/en/docs/security/update/security-bulletins-202111-0000001217889667</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 |
|-----------------------------------------|------------------------|---------------------------|---------|--------|---------|----------|
| Operating System                        | <a href="#">Huawei</a> | <a href="#">Harmonyos</a> | All     | All    | All     | All      |
| cpe:2.3:o:huawei:harmonyos:*:*:*:*:*:*: |                        |                           |         |        |         |          |

No vendor comments have been submitted for this CVE

Social Mentions

| Source                                                                                       | Title                                                                                                                                                                                                    | Posted (UTC)        |
|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|  @CVEreport | CVE-2021-39985 : The HwNearbyMain module has a Improper Validation of Array Index vulnerability.Successful exploita... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2022-01-03 22:00:52 |

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