



# CVE-2022-46316

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## CVE-2022-46316

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

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

A thread security vulnerability exists in the authentication process. Successful exploitation of this vulnerability may affect data integrity, confidentiality, and availability.

CVE-2022-46316 has been assigned by  psirt@huawei.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software:  **Huawei** - **HarmonyOS** version = **2.1**

Affected Vendor/Software:  **Huawei** - **HarmonyOS** version = **3.0.0**

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                                                                                                                                                                                             |
|-------------|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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-202212-0000001462975397</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                                                                            | Huawei                                                                                                                                                                                                   | Harmonyos | 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-2022-46316 : A thread security vulnerability exists in the authentication process. Successful exploitation of t... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> |           |                           |        |         | 2022-12-20 21:08:07 |
|  /r/netcve  | <a href="#">CVE-2022-46316</a>                                                                                                                                                                           |           |                           |        |         | 2022-12-20 21:44:55 |
| <a href="#">← Previous ID</a>                                                               |                                                                                                                                                                                                          |           | <a href="#">Next ID →</a> |        |         |                     |