

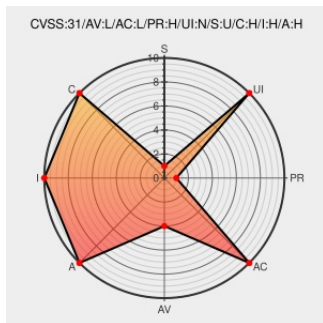


# CVE-2022-26433

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## CVE-2022-26433

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

Certain versions of [Android](#) from [Google](#) contain the following vulnerability:

In mailbox, there is a possible out of bounds write due to type confusion. This could lead to local escalation of privilege with System execution privileges needed. User interaction is not needed for exploitation. Patch ID: ALPS07138400; Issue ID: ALPS07138400.

CVE-2022-26433 has been assigned by [security@mediatek.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [MediaTek, Inc.](#) - **MT6833, MT6853, MT6873, MT6877, MT6879, MT6885, MT6893, MT6895, MT6983, MT8167, MT8167S, MT8168, MT8173, MT8175, MT8185, MT8321, MT8362A, MT8365, MT8385, MT8532, MT8666, MT8675, MT8765, MT8766, MT8768, MT8786, MT8788, MT8789, MT8791, MT8797** version **Android 11.0, 12.0 or Yocto 3.1, 3.3**

CVSS3 Score: **6.7 - MEDIUM**

| Attack Vector | Attack Complexity      | Privileges Required | User Interaction    |
|---------------|------------------------|---------------------|---------------------|
| LOCAL         | LOW                    | HIGH                | NONE                |
| Scope         | Confidentiality Impact | Integrity Impact    | Availability Impact |
| UNCHANGED     | HIGH                   | HIGH                | HIGH                |

## CVE References

| Description | Tags                                                           | Link                                                                         |
|-------------|----------------------------------------------------------------|------------------------------------------------------------------------------|
| August 2022 | <a href="#">corp.mediatek.com</a><br><a href="#">text/html</a> | <a href="#">MISC corp.mediatek.com/product-security-bulletin/August-2022</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                                                                                                                                                                 | Google   | Android | 11.0    | All    | All     | All      |
| Operating System                                                                                                                                                                 | Google   | Android | 12.0    | All    | All     | All      |
| Hardware       | Mediatek | Mt6833  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6853  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6873  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6877  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6879  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6885  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6893  | -       | All    | All     | All      |
| Hardware       | Mediatek | Mt6895  | -       | All    | All     | All      |
| Hardware     | Mediatek | Mt6983  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8167  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8167s | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8168  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8173  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8175  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8185  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8321  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8362a | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8365  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8385  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8532  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8666  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8675  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8765  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8766  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8768  | -       | All    | All     | All      |
| Hardware   | Mediatek | Mt8786  | -       | All    | All     | All      |

|                                                                                                                                                                              |                              |                        |     |     |     |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|------------------------|-----|-----|-----|-----|
| Hardware     | <a href="#">Mediatek</a>     | <a href="#">Mt8788</a> | -   | All | All | All |
| Hardware   | <a href="#">Mediatek</a>     | <a href="#">Mt8789</a> | -   | All | All | All |
| Hardware   | <a href="#">Mediatek</a>     | <a href="#">Mt8791</a> | -   | All | All | All |
| Hardware   | <a href="#">Mediatek</a>     | <a href="#">Mt8797</a> | -   | All | All | All |
| Operating System                                                                                                                                                             | <a href="#">Yoctoproject</a> | <a href="#">Yocto</a>  | 3.1 | All | All | All |
| Operating System                                                                                                                                                             | <a href="#">Yoctoproject</a> | <a href="#">Yocto</a>  | 3.3 | All | All | All |
| cpe:2.3:o:google:android:11.0:*:*:*:*:*:                                                                                                                                     |                              |                        |     |     |     |     |
| cpe:2.3:o:google:android:12.0:*:*:*:*:*:                                                                                                                                     |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt6833:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt6853:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt6873:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt6877:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt6879:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt6885:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt6893:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt6895:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt6983:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt8167:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt8167s:*:*:*:*:*:                                                                                                                                        |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt8168:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt8173:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt8175:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt8185:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt8321:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt8362a:*:*:*:*:*:                                                                                                                                        |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt8365:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt8385:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |
| cpe:2.3:h:mediatek:mt8532:*:*:*:*:*:                                                                                                                                         |                              |                        |     |     |     |     |

|                                                               |
|---------------------------------------------------------------|
| cpe:2.3:h:mediatek:mt8666:-:~::~~::~~::~~::~~::~~::~~:::      |
| cpe:2.3:h:mediatek:mt8675:-:~::~~::~~::~~::~~::~~::~~:::      |
| cpe:2.3:h:mediatek:mt8765:-:~::~~::~~::~~::~~::~~::~~:::      |
| cpe:2.3:h:mediatek:mt8766:-:~::~~::~~::~~::~~::~~::~~:::      |
| cpe:2.3:h:mediatek:mt8768:-:~::~~::~~::~~::~~::~~::~~:::      |
| cpe:2.3:h:mediatek:mt8786:-:~::~~::~~::~~::~~::~~::~~:::      |
| cpe:2.3:h:mediatek:mt8788:-:~::~~::~~::~~::~~::~~::~~:::      |
| cpe:2.3:h:mediatek:mt8789:-:~::~~::~~::~~::~~::~~::~~:::      |
| cpe:2.3:h:mediatek:mt8791:-:~::~~::~~::~~::~~::~~::~~:::      |
| cpe:2.3:h:mediatek:mt8797:-:~::~~::~~::~~::~~::~~::~~:::      |
| cpe:2.3:o:yoctoproject:yocto:3.1:~::~~::~~::~~::~~::~~::~~::: |
| cpe:2.3:o:yoctoproject:yocto:3.3:~::~~::~~::~~::~~::~~::~~::: |

No vendor comments have been submitted for this CVE

| Social Mentions |                                                                                                                                                                                                          |                     |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
| Source          | Title                                                                                                                                                                                                    | Posted (UTC)        |
| 🔒 @CVEreport    | CVE-2022-26433 : In mailbox, there is a possible out of bounds write due to type confusion. This could lead to loca... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> | 2022-08-01 14:06:49 |