



# CVE-2022-20060

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2022-20060   |
| <b>State</b>           | PUBLIC   |
| <b>Assigner</b>        | security@mediatek.com  |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback   |
| <b>Published</b>       | 2022-03-10 17:45:00 UTC  |
| <b>Updated</b>         | 2023-08-08 14:22:00 UTC  |
| <b>Description</b>     | In preloader (usb), there is a possible permission bypass due to a missing proper image authentication. This could lead to k |

## Risk And Classification

**Problem Types:** CWE-306

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                   | Product                 | Version | Update | Edition | Language |
|------------------|--------------------------|-------------------------|---------|--------|---------|----------|
| Operating System | <a href="#">Google</a>   | <a href="#">Android</a> | 10.0    | All    | All     | All      |
| Operating System | <a href="#">Google</a>   | <a href="#">Android</a> | 11.0    | All    | All     | All      |
| Operating System | <a href="#">Google</a>   | <a href="#">Android</a> | 12.0    | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6761</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6762</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6765</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6768</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6771</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6779</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6781</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6785</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6833</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6853</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6873</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6875</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6877</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Mediatek</a> | <a href="#">Mt6885</a>  | -       | All    | All     | All      |

|          |                          |                         |   |     |     |     |
|----------|--------------------------|-------------------------|---|-----|-----|-----|
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt6889</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt6893</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8183</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8185</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8321</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8385</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8666</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8667</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8675</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8735a</a> | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8735b</a> | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8765</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8766</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8768</a>  | - | All | All | All |
| Hardware | <a href="#">Mediatek</a> | <a href="#">Mt8786</a>  | - | 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 |

## References

| Reference                | Source  | Link   | Tags                |
|--------------------------|---------|--|---------------------|
| March 2022               | MISC    | <a href="http://corp.mediatek.com">corp.mediatek.com</a> |                     |
| CVE Program record       | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>             | canonical           |
| NVD vulnerability detail | NVD     | <a href="http://nvd.nist.gov">nvd.nist.gov</a>           | canonical, analysis |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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