



CVE-2022-20038

Published on: 02/09/2022 12:00:00 AM UTC

Last Modified on: 08/08/2023 02:21:00 PM UTC

CVE-2022-20038

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

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

In ccu driver, there is a possible memory corruption due to an incorrect bounds check. This could lead to local escalation of privilege with System execution privileges needed. User interaction is not needed for exploitation. Patch ID: ALPS06183335; Issue ID: ALPS06183335.

CVE-2022-20038 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, MT6885, MT6893, MT8791, MT8797** version **Android 11.0**

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

CVSS2 Score: **4.6 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
February 2022	corp.mediatek.com text/html	MISC corp.mediatek.com/product-security-bulletin/February-2022

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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
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	Mt6885	-	All	All	All
Hardware  	Mediatek	Mt6893	-	All	All	All
Hardware  	Mediatek	Mt8791	-	All	All	All
Hardware  	Mediatek	Mt8797	-	All	All	All
cpe:2.3:o:google:android:11.0:*****:						
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:mt6885:-:*****:						
cpe:2.3:h:mediatek:mt6893:-:*****:						
cpe:2.3:h:mediatek:mt8791:-:*****:						
cpe:2.3:h:mediatek:mt8797:-:*****:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-20038 : In ccu driver, there is a possible memory corruption due to an incorrect bounds	2022-02-09

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