

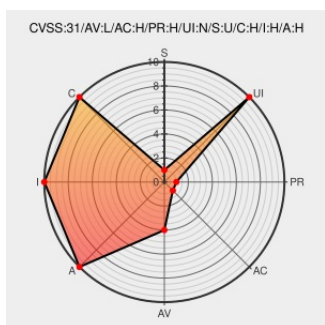


CVE-2023-20771

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CVE-2023-20771

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

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

In display, there is a possible memory corruption due to a race condition. This could lead to local escalation of privilege with System execution privileges needed. User interaction is not needed for exploitation. Patch ID: ALPS07671046; Issue ID: ALPS07671046.

CVE-2023-20771 has been assigned by [security@mediatek.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [MediaTek, Inc.](#) - **MT6580, MT6739, MT6761, MT6765, MT6768, MT6771, MT6779, MT6785, MT8168, MT8781** version = **Android 12.0**

CVSS3 Score: **6.4 - MEDIUM**

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

CVE References

Description	Tags	Link
July 2023	corp.mediatek.com text/html	MISC corp.mediatek.com/product-security-bulletin/July-2023

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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	12.0	All	All	All
Hardware  	Mediatek	Mt6580	-	All	All	All
Hardware  	Mediatek	Mt6739	-	All	All	All
Hardware  	Mediatek	Mt6761	-	All	All	All
Hardware  	Mediatek	Mt6765	-	All	All	All
Hardware  	Mediatek	Mt6768	-	All	All	All
Hardware  	Mediatek	Mt6771	-	All	All	All
Hardware  	Mediatek	Mt6779	-	All	All	All
Hardware  	Mediatek	Mt6785	-	All	All	All
Hardware  	Mediatek	Mt8168	-	All	All	All
Hardware  	Mediatek	Mt8781	-	All	All	All
cpe:2.3:o:google:android:12.0:*****:						
cpe:2.3:h:mediatek:mt6580:-:*****:						
cpe:2.3:h:mediatek:mt6739:-:*****:						
cpe:2.3:h:mediatek:mt6761:-:*****:						
cpe:2.3:h:mediatek:mt6765:-:*****:						
cpe:2.3:h:mediatek:mt6768:-:*****:						
cpe:2.3:h:mediatek:mt6771:-:*****:						
cpe:2.3:h:mediatek:mt6779:-:*****:						
cpe:2.3:h:mediatek:mt6785:-:*****:						
cpe:2.3:h:mediatek:mt8168:-:*****:						
cpe:2.3:h:mediatek:mt8781:-:*****:						
No vendor comments have been submitted for this CVE						
Social Mentions						
Source	Title					Posted (UTC)
 @CVEreport	CVE-2023-20771 : In display, there is a possible memory corruption due to a race condition. This could lead to loca... twitter.com/i/web/status/1...					2023-07-04 02:14:10

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