

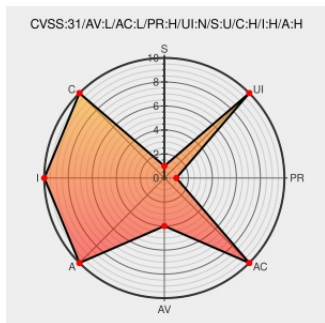


CVE-2023-20627

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CVE-2023-20627

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

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

In pqframework, there is a possible out of bounds write due to a missing bounds check. This could lead to local escalation of privilege with System execution privileges needed. User interaction is not needed for exploitation. Patch ID: ALPS07629585; Issue ID: ALPS07629585.

CVE-2023-20627 has been assigned by [security@mediatek.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [MediaTek, Inc.](#) - **MT6879, MT6895, MT6983, MT8167, MT8168** version **Android 12.0, 13.0**

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

CVE References

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

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to [comment@cve.report](#).

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
Operating System	Google	Android	13.0	All	All	All
Hardware 	Mediatek	Mt6879	-	All	All	All
Hardware 	Mediatek	Mt6895	-	All	All	All
Hardware 	Mediatek	Mt6983	-	All	All	All
Hardware 	Mediatek	Mt8167	-	All	All	All
Hardware 	Mediatek	Mt8168	-	All	All	All
cpe:2.3:o:google:android:12.0:*****:						
cpe:2.3:o:google:android:13.0:*****:						
cpe:2.3:h:mediatek:mt6879:*****:						
cpe:2.3:h:mediatek:mt6895:*****:						
cpe:2.3:h:mediatek:mt6983:*****:						
cpe:2.3:h:mediatek:mt8167:*****:						
cpe:2.3:h:mediatek:mt8168:*****:						
No vendor comments have been submitted for this CVE						
Social Mentions						
Source	Title					Posted (UTC)
 @CVereport	CVE-2023-20627 : In pqframework, there is a possible out of bounds write due to a missing bounds check. This could... twitter.com/i/web/status/1...					2023-03-07 21:06:44
 /r/AJsBotPlayground	[MEDIUM] CVE Report on March 13, 2023 06:09[2/22272]					2023-03-13 06:09:28
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