



CVE-2023-20658

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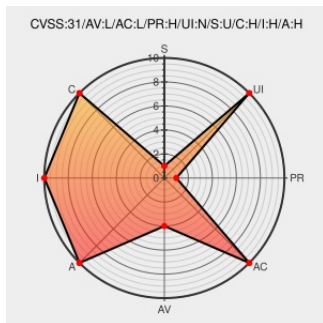
CVE-2023-20658

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

In isp, 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: ALPS07537393; Issue ID: ALPS07180396.

CVE-2023-20658 has been assigned by [security@mediatek.com](#) to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: [MediaTek, Inc.](#) - MT6895, MT6983, MT8188, MT8195, MT8673, MT8795T, MT8798 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
April 2023	corp.mediatek.com text/html	MISC corp.mediatek.com/product-security-bulletin/April-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
Operating System	Google	Android	13.0	All	All	All
Hardware 	Mediatek	Mt6895	-	All	All	All
Hardware 	Mediatek	Mt6983	-	All	All	All
Hardware 	Mediatek	Mt8188	-	All	All	All
Hardware 	Mediatek	Mt8195	-	All	All	All
Hardware 	Mediatek	Mt8673	-	All	All	All
Hardware 	Mediatek	Mt8795t	-	All	All	All
Hardware 	Mediatek	Mt8798	-	All	All	All

cpe:2.3:o:google:android:12.0:*****:

cpe:2.3:o:google:android:13.0:*****:

cpe:2.3:h:mediatek:mt6895:-:*****:

cpe:2.3:h:mediatek:mt6983:-:*****:

cpe:2.3:h:mediatek:mt8188:-:*****:

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cpe:2.3:h:mediatek:mt8673:-:*****:

cpe:2.3:h:mediatek:mt8795t:-:*****:

cpe:2.3:h:mediatek:mt8798:-:*****:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2023-20658 : In isp, there is a possible out of bounds write due to a missing bounds check. This could lead to... twitter.com/i/web/status/1...	2023-04-06 18:11:21
 /r/Team_IT_Security	CVE-2023-20658	2023-04-06 20:28:37

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