CVE-2023-20689

Published on: Not Yet Published

Last Modified on: 07/07/2023 09:46:00 PM UTC

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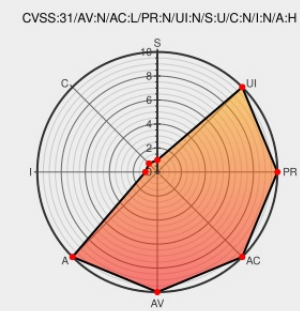
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Android from Google contain the following vulnerability:

In wlan firmware, there is possible system crash due to an integer overflow. This could lead to remote denial of service with no additional execution privileges needed. User interaction is not needed for exploitation. Patch ID: ALPS07664741; Issue ID: ALPS07664741.

CVE-2023-20689 has been assigned by security@mediatek.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **MediaTek, Inc.** - **MT6739, MT8167, MT8321, MT8365, MT8385, MT8666, MT8765, MT8788** version **= Android 11.0 / IOT-v23.0 (Yocto 4.0)**

CVSS3 Score: 7.5 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVE References

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

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
Application	Linuxfoundation	Yocto	4.0	All	All	All
Hardware	Mediatek	Mt6739	-	All	All	All
Hardware	Mediatek	Mt8167	-	All	All	All
Hardware	Mediatek	Mt8321	-	All	All	All
Hardware	Mediatek	Mt8365	-	All	All	All
Hardware	Mediatek	Mt8385	-	All	All	All
Hardware	Mediatek	Mt8666	-	All	All	All
Hardware	Mediatek	Mt8765	-	All	All	All
Hardware	Mediatek	Mt8788	-	All	All	All

cpe:2.3:o:google:android:11.0:*:*:*:*:*:*:*:

cpe:2.3:a:linuxfoundation:yocto:4.0:*:*:*:*:*:*:*:

cpe:2.3:h:mediatek:mt6739:-:*:*:*:*:*:*:*:

cpe:2.3:h:mediatek:mt8167:-:*:*:*:*:*:*:*:

cpe:2.3:h:mediatek:mt8321:-:*:*:*:*:*:*:*:

cpe:2.3:h:mediatek:mt8365:-:*:*:*:*:*:*:*:

cpe:2.3:h:mediatek:mt8385:-:*:*:*:*:*:*:*:

cpe:2.3:h:mediatek:mt8666:-:*:*:*:*:*:*:*:

cpe:2.3:h:mediatek:mt8765:-:*:*:*:*:*:*:*:

cpe:2.3:h:mediatek:mt8788:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2023-20689 : In wlan firmware, there is possible system crash due to an integer overflow. This could lead to re… twitter.com/i/web/status/1…	2023-07-04 02:07:34

← Previous ID

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CVE.report and Source URL Uptime Status status.cve.report