CVE-2019-9465

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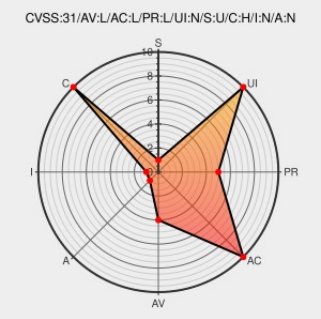

Certain versions of Android from Google contain the following vulnerability:

In the Titan M handling of cryptographic operations, there is a possible information disclosure due to an unusual root cause. This could lead to local information disclosure with no additional execution privileges needed. User interaction is not needed for exploitation. Product: Android Versions: Android-10 Android ID: A-133258003

CVE-2019-9465 has been assigned by security@android.com to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

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

CVSS2 Score: 2.1 - LOW

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

CVE References

Description	Tags	Link
Pixel Update Bulletin—December 2019 | Android Open Source Project	Vendor Advisory, source.android.com, text/html	CONFIRM source.android.com/security/bulletin/pixel/2019-12-01

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

Demo Android application for CVE-2019-9465

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Google	Android	All	All	All	All
Operating System	Google	Android	All	All	All	All

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

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

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@01_security_01	A mysterious bug in the firmware of Google's Titan M chip (CVE-2019-9465) alexbakker.me/post/mysteriou…	2021-04-26 16:09:36
@art_k47	alexbakker.me/post/mysteriou…	2021-07-12 17:46:33
@ManasH4rsh	alexbakker.me/post/mysteriou…	2021-08-18 16:40:55

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