CVE-2019-2102

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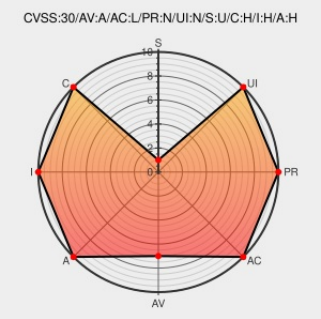

Certain versions of Android from Google contain the following vulnerability:

In the Bluetooth Low Energy (BLE) specification, there is a provided example Long Term Key (LTK). If a BLE device were to use this as a hardcoded LTK, it is theoretically possible for a proximate attacker to remotely inject keystrokes on a paired Android host due to improperly used crypto. User interaction is not needed for exploitation. Product: Android. Versions: Android-7.0 Android-7.1.1 Android-7.1.2 Android-8.0 Android-8.1 Android-9. Android ID: A-128843052.

CVE-2019-2102 has been assigned by security@android.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Android** - **Android** version **Android-7.0 Android-7.1.1 Android-7.1.2 Android-8.0 Android-8.1 Android-9**

CVSS3 Score: 8.8 - HIGH

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

CVSS2 Score: 8.3 - HIGH

Access Vector	Access Complexity	Authentication
ADJACENT_NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
About the security content of macOS Mojave 10.14.5, Security Update 2019-003 High Sierra, Security Update 2019-003 Sierra - Apple Support	support.apple.com text/html	CONFIRM support.apple.com/kb/HT210119
About the security content of iOS 12.3 - Apple Support	support.apple.com text/html	CONFIRM support.apple.com/kb/HT210118
Android Security Bulletin—June 2019 | Android Open Source Project	Vendor Advisory source.android.com text/html	CONFIRM source.android.com/security/bulletin/2019-06-01
About the security content of tvOS 12.3 - Apple Support	support.apple.com text/html	CONFIRM support.apple.com/kb/HT210120

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	7.0	All	All	All
Operating System	Google	Android	7.1.1	All	All	All
Operating System	Google	Android	7.1.2	All	All	All
Operating System	Google	Android	8.0	All	All	All
Operating System	Google	Android	8.1	All	All	All
Operating System	Google	Android	9.0	All	All	All
Operating System	Google	Android	7.0	All	All	All
Operating System	Google	Android	7.1.1	All	All	All
Operating System	Google	Android	7.1.2	All	All	All
Operating System	Google	Android	8.0	All	All	All
Operating System	Google	Android	8.1	All	All	All
Operating System	Google	Android	9.0	All	All	All

cpe:2.3:o:google:android:7.0:*:*:*:*:*:*:*:

cpe:2.3:o:google:android:7.1.1:*:*:*:*:*:*:*:

cpe:2.3:o:google:android:7.1.2:*:*:*:*:*:*:*:

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cpe:2.3:o:google:android:8.1:*:*:*:*:*:*:*:

cpe:2.3:o:google:android:9.0:*:*:*:*:*:*:*:

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cpe:2.3:o:google:android:7.1.2:*:*:*:*:*:*:*:

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cpe:2.3:o:google:android:9.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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