

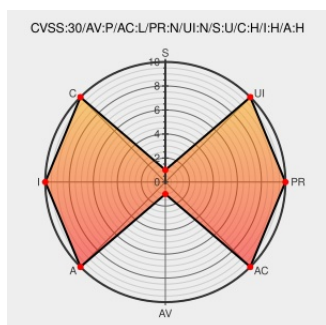


CVE-2018-9445

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CVE-2018-9445

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

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

In readMetadata of Utils.cpp, there is a possible path traversal bug due to a confused deputy. This could lead to local escalation of privilege when mounting a USB device with no additional execution privileges needed. User interaction is not needed for exploitation. Product:

Android Versions: Android-6.0 Android-6.0.1 Android-7.0 Android-7.1.1

Android-7.1.2 Android-8.0 Android-8.1 Android ID: A-80436257.

CVE-2018-9445 has been assigned by security@android.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **Google Inc. - Android** version **Android-6.0 Android-6.0.1 Android-7.0 Android-7.1.1 Android-7.1.2 Android-8.0 Android-8.1**

CVSS3 Score: **6.8 - MEDIUM**

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

CVSS2 Score: **7.2 - HIGH**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
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Description	Tags	Link
Android - Directory Traversal over USB via Injection in blkid Output - Android local Exploit	Exploit Patch Third Party Advisory VDB Entry www.exploit-db.com Proof of Concept text/html	 EXPLOIT-DB 45192
Android Security Bulletin—August 2018 Android Open Source Project	Patch Vendor Advisory source.android.com text/html	 CONFIRM source.android.com/security/bulletin/2018-08-01
Google Android Multiple Flaws Let Remote Users Execute Arbitrary Code and Let Applications Gain Elevated Privileges and Obtain Potentially Sensitive Information - SecurityTracker	Third Party Advisory VDB Entry www.securitytracker.com text/html	 SECTrack 1041432
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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	6.0	All	All	All
Operating System	Google	Android	6.0.1	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	6.0	All	All	All
Operating System	Google	Android	6.0.1	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
cpe:2.3:o:google:android:6.0:*:*:*:*:*:						
cpe:2.3:o:google:android:6.0.1:*:*:*:*:*:						
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:*:*:*:*:*:						
cpe:2.3:o:google:android:8.0:*:*:*:*:*:						
cpe:2.3:o:google:android:8.1:*:*:*:*:*:						
cpe:2.3:o:google:android:6.0:*:*:*:*:*:						
cpe:2.3:o:google:android:6.0.1:*:*:*:*:*:						
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:*:*:*:*:*:						
cpe:2.3:o:google:android:8.0:*:*:*:*:*:						
cpe:2.3:o:google:android:8.1:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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