



CVE-2019-2017

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CVE-2019-2017

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

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

In `rw_t2t_handle_tlv_detect_rsp` of `rw_t2t_ndef.cc`, there is a possible out-of-bound write due to a missing bounds check. This could lead to local escalation of privilege with no additional execution privileges needed. User interaction is 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-121035711

CVE-2019-2017 has been assigned by security@android.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	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
Android Security Bulletin — March 2019 Android Open Source Project	Vendor Advisory source.android.com	MISC source.android.com/security/bulletin/2019-03-01

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

CVE2019-2017 POC

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	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	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:*:*:*:*:*:

cpe:2.3:o:google:android:8.0:*:*:*:*:*:

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

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

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

cpe:2.3:o:google:android:7.1.1:*:*:*:*:*	
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cpe:2.3:o:google:android:8.0:*:*:*:*:*	
cpe:2.3:o:google:android:9.0:*:*:*:*:*	
No vendor comments have been submitted for this CVE	
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