



CVE-2019-2031

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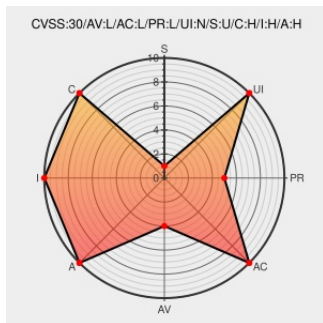
CVE-2019-2031

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

In `rw_t3t_act_handle_check_ndef_rsp` of `rw_t3t.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 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-120502559.

CVE-2019-2031 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: **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: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
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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:7.1.2:*:*:*:*:*:
cpe:2.3:o:google:android:8.0:*:*:*:*:*:
cpe:2.3:o:google:android:8.1:*:*:*:*:*:
cpe:2.3:o:google:android:9.0:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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