CVE-2019-2181

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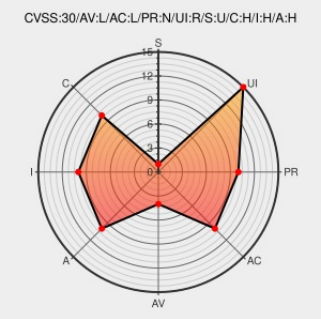
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Android from Google contain the following vulnerability:

In binder_transaction of binder.c in the Android kernel, there is a possible out of bounds write due to an integer overflow. This could lead to local escalation of privilege with no additional execution privileges needed. User interaction is needed for exploitation.

CVE-2019-2181 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	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 6.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Android Security Bulletin—September 2019 | Android Open Source Project	Vendor Advisory, source.android.com, text/html	MISC source.android.com/security/bulletin/2019-09-01
USN-4157-1: Linux kernel vulnerabilities | Ubuntu	usn.ubuntu.com	UBUNTU USN-4157-1

security notices | Ubuntu	text/html	
USN-4157-2: Linux kernel (HWE) vulnerabilities | Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-4157-2
Kernel Live Patch Security Notice LSN-0058-1 ≈ Packet Storm	packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/154951/Kernel-Live-Patch-Security-Notice-LSN-0058-1.html

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	-	All	All	All
Operating System	Google	Android	-	All	All	All

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

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

No vendor comments have been submitted for this CVE

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