

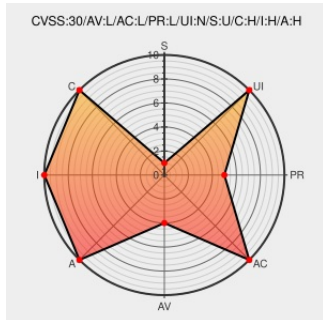


CVE-2019-2115

Published on: 09/05/2019 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

CVE-2019-2115

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

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

In GateKeeper::MintAuthToken of gatekeeper.cpp in Android 7.1.1, 7.1.2, 8.0, 8.1 and 9, there is possible memory corruption due to a double free. This could lead to local escalation of privilege with System execution privileges needed. User interaction is not needed for exploitation.

CVE-2019-2115 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—September 2019 Android Open Source Project	Patch Vendor Advisory source.android.com	MISC source.android.com/security/bulletin/2019-09-01

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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	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	7.1.1	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:7.1.1:*****:						
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:*****:						
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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