



CVE-2020-12751

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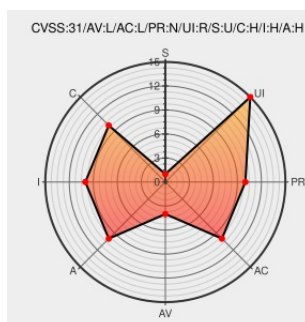
CVE-2020-12751

[Source: Mitre](#)

[Source: NIST](#)

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

An issue was discovered on Samsung mobile devices with O(8.X), P(9.0), and Q(10.0) software. The Quram image codec library allows attackers to overwrite memory and execute arbitrary code via crafted JPEG data that is mishandled during decoding. The Samsung ID is SVE-2020-16943 (May 2020).

CVE-2020-12751 has been assigned by [M](#) cve@mitre.org 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: **6.8 - MEDIUM**

Access Vector

Access Complexity

Authentication

NETWORK

MEDIUM

NONE

Confidentiality Impact

Integrity Impact

Availability Impact

PARTIAL

PARTIAL

PARTIAL

CVE References

Description

Tags

Link

Samsung Mobile Security

[Vendor Advisory](#)

[security.samsungmobile.com](#)

[text/html](#)

[CONFIRM security.samsungmobile.com/securityUpdate.smsb](#)

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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	10.0	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	10.0	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:10.0:*****:						
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:10.0:*****:						
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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