



CVE-2020-0451

Published on: 11/10/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:06 PM UTC

CVE-2020-0451

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

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

In `sbrDecoder_AssignQmfChannels2SbrChannels` of `sbrdecoder.cpp`, there is a possible out of bounds write due to a heap buffer overflow. This could lead to remote code execution with no additional execution privileges needed. User interaction is needed for exploitation. Product: Android Versions: Android-10 Android-11 Android-9 Android-8.0

Android-8.1 Android ID: A-158762825

CVE-2020-0451 has been assigned by security@android.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **9.3 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Android Security Bulletin—November 2020 Android Open Source Project	Patch Vendor Advisory	MISC source.android.com/security/bulletin/2020-11-01

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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	10.0	All	All	All
Operating System	Google	Android	11.0	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	11.0	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:11.0:*****:						
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:11.0:*****:						
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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