

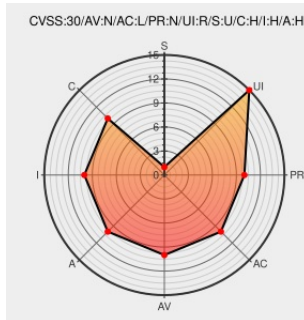


# CVE-2019-2027

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## CVE-2019-2027

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

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

In floor0\_inverse1 of floor0.c, there is a possible out of bounds write due to an incorrect bounds check. This could lead to remote code execution with no additional execution privileges needed. User interaction is 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-119120561.

CVE-2019-2027 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: **8.8 - HIGH**

| Attack Vector    | Attack Complexity      | Privileges Required | User Interaction    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>REQUIRED</b>     |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>HIGH</b>            | <b>HIGH</b>         | <b>HIGH</b>         |

CVSS2 Score: **9.3 - HIGH**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| <b>NETWORK</b>         | <b>MEDIUM</b>     | <b>NONE</b>         |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| <b>COMPLETE</b>        | <b>COMPLETE</b>   | <b>COMPLETE</b>     |

## CVE References

| Description | Tags | Link |
|-------------|------|------|
|-------------|------|------|

| Description                                                        | Tags                                                                                                                        | Link                                                                                                                                                                                                                |
|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Android Security Bulletin—April 2019   Android Open Source Project | <a href="#">Patch</a><br><a href="#">Vendor Advisory</a><br><a href="#">source.android.com</a><br><a href="#">text/html</a> |  <a href="https://source.android.com/security/bulletin/2019-04-01">CONFIRM<br/>source.android.com/security/bulletin/2019-04-01</a> |

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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 | 7.0     | 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      |
| Operating System                      | Google | Android | 7.0     | 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:7.0:*****:   |        |         |         |        |         |          |
| 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:*:*:*:*:*:             |                           |
| 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 |                           |
| <a href="#">← Previous ID</a>                       | <a href="#">Next ID →</a> |