

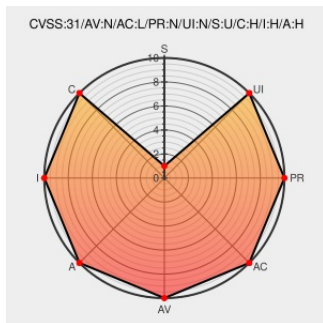


# CVE-2019-20621

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## CVE-2019-20621

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

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

An issue was discovered on Samsung mobile devices with N(7.x), O(8.x), and P(9.0) (Exynos chipsets) software. There is a baseband heap overflow. The Samsung ID is SVE-2018-13187 (February 2019).

CVE-2019-20621 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **10 - HIGH**

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

## CVE References

| Description             | Tags                                                                                                       | Link                                                                   |
|-------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|
| Samsung Mobile Security | <a href="#">Vendor Advisory</a><br><a href="#">security.samsungmobile.com</a><br><a href="#">text/html</a> | <a href="#">CONFIRM security.samsungmobile.com/securityUpdate.smsb</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 | 7.1.0   | 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 | 7.1.0   | 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:7.1.0:*****: |        |         |         |        |         |          |
| 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:7.1.0:*****: |
| 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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