



# CVE-2019-9423

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## CVE-2019-9423

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

In opencv calls that use libpng, there is a possible out of bounds write due to a missing bounds check. This could lead to local escalation of privilege with no additional execution privileges required. User interaction is not required for exploitation. Product: AndroidVersions: Android-10Android ID: A-110986616

CVE-2019-9423 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: **4.6 - MEDIUM**

| Access Vector          | Access Complexity | Authentication      |
|------------------------|-------------------|---------------------|
| LOCAL                  | LOW               | NONE                |
| Confidentiality Impact | Integrity Impact  | Availability Impact |
| PARTIAL                | PARTIAL           | PARTIAL             |

## CVE References

| Description                                                                                                 | Tags                                                          | Link                                                                                                                       |
|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| oss-security - Re: Security fixes from Android 10 release which are relevant outside the Android ecosystem? | <a href="#">www.openwall.com</a><br><a href="#">text/html</a> | MLIST [oss-security] 20191026 Re: Security fixes from Android 10 release which are relevant outside the Android ecosystem? |

oss-security - Re: Security fixes from Android 10 release which are relevant outside the Android ecosystem?

[www.openwall.com](#)  
[text/html](#)

[MLIST \[oss-security\] 20191107 Re: Security fixes from Android 10 release which are relevant outside the Android ecosystem?](#)

Android 10 Security Release Notes | Android Open Source Project

[Vendor Advisory](#)  
[source.android.com](#)  
[text/html](#)

[MISC source.android.com/security/bulletin/android-10](#)

oss-security - Security fixes from Android 10 release which are relevant outside the Android ecosystem?

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[MLIST \[oss-security\] 20191025 Security fixes from Android 10 release which are relevant outside the Android ecosystem?](#)

oss-security - Re: Security fixes from Android 10 release which are relevant outside the Android ecosystem?

[www.openwall.com](#)  
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[MLIST \[oss-security\] 20201205 Re: Security fixes from Android 10 release which are relevant outside the Android ecosystem?](#)

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Related QID Numbers

[980427](#) Python (pip) Security Update for opencv-contrib-python-headless (GHSA-8849-5h85-98qw)

| Known Affected Configurations (CPE V2.3)        |                        |                         |         |        |         |          |
|-------------------------------------------------|------------------------|-------------------------|---------|--------|---------|----------|
| Type                                            | Vendor                 | Product                 | Version | Update | Edition | Language |
| Operating System                                | <a href="#">Google</a> | <a href="#">Android</a> | 10.0    | All    | All     | All      |
| Operating System                                | <a href="#">Google</a> | <a href="#">Android</a> | 10.0    | All    | All     | All      |
| <div>cpe:2.3:o:google:android:10.0:*****:</div> |                        |                         |         |        |         |          |
| <div>cpe:2.3:o:google:android:10.0:*****:</div> |                        |                         |         |        |         |          |

No vendor comments have been submitted for this CVE

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