

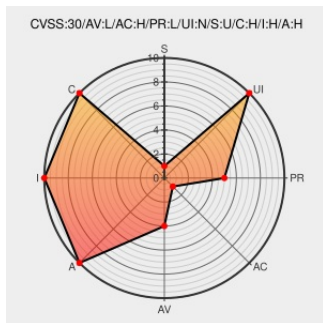


# CVE-2018-5905

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## CVE-2018-5905

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

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

In all android releases (Android for MSM, Firefox OS for MSM, QRD Android) from CAF using the linux kernel, a race condition while accessing num of clients in DIAG services can lead to out of boundary access.

CVE-2018-5905 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7 - HIGH**

| Attack Vector | Attack Complexity      | Privileges Required | User Interaction    |
|---------------|------------------------|---------------------|---------------------|
| LOCAL         | HIGH                   | LOW                 | NONE                |
| Scope         | Confidentiality Impact | Integrity Impact    | Availability Impact |
| UNCHANGED     | HIGH                   | HIGH                | HIGH                |

CVSS2 Score: **4.4 - MEDIUM**

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

## CVE References

| Description                                                | Tags                                                                                                                             | Link                                                                                                                                                                                                                   |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| September 2018 Code Aurora Security Bulletin - Code Aurora | <a href="#">Patch</a><br><a href="#">Third Party Advisory</a><br><a href="#">www.codeaurora.org</a><br><a href="#">text/html</a> | CONFIRM <a href="http://www.codeaurora.org/security-bulletin/2018/09/04/september-2018-code-aurora-security-bulletin">www.codeaurora.org/security-bulletin/2018/09/04/september-2018-code-aurora-security-bulletin</a> |

|                                                                         |                                                                                                                                     |                                                                                                                                                                                                           |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| kernel/msm-4.4 - Unnamed repository                                     | <a href="#">Patch</a><br><a href="#">Third Party Advisory</a><br><a href="#">source.codeaurora.org</a><br><a href="#">text/html</a> |  <a href="#">CONFIRM source.codeaurora.org/quic/la/kernel/msm-4.4/commit/?id=6eb2f4f6fde1b210712d6ac66b40b9e7684d77db</a> |
| Pixel/Nexus Security Bulletin—August 2018   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="#">CONFIRM source.android.com/security/bulletin/pixel/2018-08-01#qualcomm-components</a>                       |
| BlackBerry Powered by Android Security Bulletin - August 2018           | <a href="#">Third Party Advisory</a><br><a href="#">support.blackberry.com</a><br><a href="#">text/html</a>                         |  <a href="#">CONFIRM support.blackberry.com/kb/articleDetail?articleNumber=000051163</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                                 | <a href="#">Google</a> | <a href="#">Android</a> | -       | All    | All     | All      |
| Operating System                                 | <a href="#">Google</a> | <a href="#">Android</a> | -       | All    | All     | All      |
| <div>cpe:2.3:o:google:android:-:*:*:*:*:*:</div> |                        |                         |         |        |         |          |
| <div>cpe:2.3:o:google:android:-:*:*:*:*:*:</div> |                        |                         |         |        |         |          |

No vendor comments have been submitted for this CVE

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