



# CVE-2016-10462

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2016-10462                                                                                                       |
| <b>State</b>           | PUBLIC                                                                                                               |
| <b>Assigner</b>        | product-security@qualcomm.com                                                                                        |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                         |
| <b>Published</b>       | 2018-04-18 14:29:00 UTC                                                                                              |
| <b>Updated</b>         | 2018-05-01 16:54:00 UTC                                                                                              |
| <b>Description</b>     | In Android before 2018-04-05 or earlier security patch level on Qualcomm Snapdragon Automobile and Snapdragon Mobile |

## Risk And Classification

**Problem Types:** CWE-284

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                   | Product                         | Version | Update | Edition | Language |
|------------------|--------------------------|---------------------------------|---------|--------|---------|----------|
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Sdm630</a>          | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Sdm630</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Sdm630 Firmware</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Sdm630 Firmware</a> | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Sdm636</a>          | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Sdm636</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Sdm636 Firmware</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Sdm636 Firmware</a> | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Sdm660</a>          | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Sdm660</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Sdm660 Firmware</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Sdm660 Firmware</a> | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Sd 410</a>          | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Sd 410</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Sd 410 Firmware</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Sd 410 Firmware</a> | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Sd 412</a>          | -       | All    | All     | All      |

|                  |          |                 |   |     |     |     |
|------------------|----------|-----------------|---|-----|-----|-----|
|                  |          |                 |   |     |     |     |
| Hardware         | Qualcomm | Sd 412          | - | All | All | All |
| Operating System | Qualcomm | Sd 412 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 412 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 415          | - | All | All | All |
| Hardware         | Qualcomm | Sd 415          | - | All | All | All |
| Operating System | Qualcomm | Sd 415 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 415 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 425          | - | All | All | All |
| Hardware         | Qualcomm | Sd 425          | - | All | All | All |
| Operating System | Qualcomm | Sd 425 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 425 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 427          | - | All | All | All |
| Hardware         | Qualcomm | Sd 427          | - | All | All | All |
| Operating System | Qualcomm | Sd 427 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 427 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 430          | - | All | All | All |
| Hardware         | Qualcomm | Sd 430          | - | All | All | All |
| Operating System | Qualcomm | Sd 430 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 430 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 435          | - | All | All | All |
| Hardware         | Qualcomm | Sd 435          | - | All | All | All |
| Operating System | Qualcomm | Sd 435 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 435 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 450          | - | All | All | All |
| Hardware         | Qualcomm | Sd 450          | - | All | All | All |
| Operating System | Qualcomm | Sd 450 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 450 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 615          | - | All | All | All |
| Hardware         | Qualcomm | Sd 615          | - | All | All | All |
| Operating System | Qualcomm | Sd 615 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 615 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 616          | - | All | All | All |
| Hardware         | Qualcomm | Sd 616          | - | All | All | All |
| Operating System | Qualcomm | Sd 616 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 616 Firmware | - | All | All | All |

|                  |          |                  |   |     |     |     |
|------------------|----------|------------------|---|-----|-----|-----|
| Hardware         | Qualcomm | Sd 625           | - | All | All | All |
| Hardware         | Qualcomm | Sd 625           | - | All | All | All |
| Operating System | Qualcomm | Sd 625 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sd 625 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sd 650           | - | All | All | All |
| Hardware         | Qualcomm | Sd 650           | - | All | All | All |
| Operating System | Qualcomm | Sd 650 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sd 650 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sd 652           | - | All | All | All |
| Hardware         | Qualcomm | Sd 652           | - | All | All | All |
| Operating System | Qualcomm | Sd 652 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sd 652 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sd 808           | - | All | All | All |
| Hardware         | Qualcomm | Sd 808           | - | All | All | All |
| Operating System | Qualcomm | Sd 808 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sd 808 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sd 810           | - | All | All | All |
| Hardware         | Qualcomm | Sd 810           | - | All | All | All |
| Operating System | Qualcomm | Sd 810 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sd 810 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sd 820           | - | All | All | All |
| Hardware         | Qualcomm | Sd 820           | - | All | All | All |
| Hardware         | Qualcomm | Sd 820a          | - | All | All | All |
| Hardware         | Qualcomm | Sd 820a          | - | All | All | All |
| Operating System | Qualcomm | Sd 820a Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 820a Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 820 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sd 820 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sd 835           | - | All | All | All |
| Hardware         | Qualcomm | Sd 835           | - | All | All | All |
| Operating System | Qualcomm | Sd 835 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sd 835 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sd 845           | - | All | All | All |
| Hardware         | Qualcomm | Sd 845           | - | All | All | All |
| Operating System | Qualcomm | Sd 845 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sd 845 Firmware  | - | All | All | All |

|                  |          |                 |   |     |     |     |
|------------------|----------|-----------------|---|-----|-----|-----|
| Operating System | Qualcomm | Sd 845 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 850          | - | All | All | All |
| Hardware         | Qualcomm | Sd 850          | - | All | All | All |
| Operating System | Qualcomm | Sd 850 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 850 Firmware | - | All | All | All |

| References                                                                                |         |  |                                                                  |         |  |  |
|-------------------------------------------------------------------------------------------|---------|--|------------------------------------------------------------------|---------|--|--|
| Reference                                                                                 | Source  |  | Link                                                             | Tags    |  |  |
| Google Android Multiple Qualcomm Components Multiple Unspecified Security Vulnerabilities | BID     |  | <a href="http://www.securityfocus.com">www.securityfocus.com</a> | Third I |  |  |
| Android Security Bulletin—April 2018   Android Open Source Project                        | CONFIRM |  | <a href="http://source.android.com">source.android.com</a>       | Vendc   |  |  |
| CVE Program record                                                                        | CVE.ORG |  | <a href="http://www.cve.org">www.cve.org</a>                     | canon   |  |  |
| NVD vulnerability detail                                                                  | NVD     |  | <a href="http://nvd.nist.gov">nvd.nist.gov</a>                   | canon   |  |  |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.