



# CVE-2016-10480

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

## Summary

|                        |                                                                                                                    |
|------------------------|--------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2016-10480                                                                                                     |
| <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>         | 2018-05-02 12:41:00 UTC                                                                                            |
| <b>Description</b>     | In Android before 2018-04-05 or earlier security patch level on Qualcomm Snapdragon Mobile and Snapdragon Wear MDW |

## Risk And Classification

### Problem Types: CWE-190

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                   | Product                           | Version | Update | Edition | Language |
|------------------|--------------------------|-----------------------------------|---------|--------|---------|----------|
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Mdm9206</a>           | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Mdm9206</a>           | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Mdm9206 Firmware</a>  | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Mdm9206 Firmware</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Mdm9607</a>           | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Mdm9607</a>           | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Mdm9607 Firmware</a>  | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Mdm9607 Firmware</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Mdm9650</a>           | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Mdm9650</a>           | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Mdm9650 Firmware</a>  | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Mdm9650 Firmware</a>  | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Msm8909w</a>          | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Msm8909w</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Msm8909w Firmware</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Msm8909w Firmware</a> | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Sdx20</a>             | -       | All    | All     | All      |

|                  |          |                 |   |     |     |     |
|------------------|----------|-----------------|---|-----|-----|-----|
|                  |          |                 |   |     |     |     |
| Hardware         | Qualcomm | Sdx20           | - | All | All | All |
| Operating System | Qualcomm | Sdx20 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sdx20 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sd 205          | - | All | All | All |
| Hardware         | Qualcomm | Sd 205          | - | All | All | All |
| Operating System | Qualcomm | Sd 205 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 205 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 210          | - | All | All | All |
| Hardware         | Qualcomm | Sd 210          | - | All | All | All |
| Operating System | Qualcomm | Sd 210 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 210 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 212          | - | All | All | All |
| Hardware         | Qualcomm | Sd 212          | - | All | All | All |
| Operating System | Qualcomm | Sd 212 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 212 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 400          | - | All | All | All |
| Hardware         | Qualcomm | Sd 400          | - | All | All | All |
| Operating System | Qualcomm | Sd 400 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 400 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 410          | - | All | All | All |
| Hardware         | Qualcomm | Sd 410          | - | All | All | All |
| Operating System | Qualcomm | Sd 410 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 410 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sd 412          | - | 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 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 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 617          | - | All | All | All |
| Hardware         | Qualcomm | Sd 617          | - | All | All | All |
| Operating System | Qualcomm | Sd 617 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 617 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 800          | - | All | All | All |
| Hardware         | Qualcomm | Sd 800          | - | All | All | All |
| Operating System | Qualcomm | Sd 800 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 800 Firmware | - | All | All | All |

|                  |          |                 |   |     |     |     |
|------------------|----------|-----------------|---|-----|-----|-----|
| Operating System | Qualcomm | Sd 800 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 |
| 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 |

| 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.