



# CVE-2019-10604

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

## Summary

|                        |                                                                                                                              |
|------------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2019-10604                                                                                                               |
| <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>       | 2020-03-05 09:15:00 UTC                                                                                                      |
| <b>Updated</b>         | 2020-03-09 11:53:00 UTC                                                                                                      |
| <b>Description</b>     | Possibility of heap-buffer-overflow during last iteration of loop while populating image version information in diag command |

## Risk And Classification

### Problem Types: CWE-787

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor                   | Product                            | Version | Update | Edition | Language |
|------------------|--------------------------|------------------------------------|---------|--------|---------|----------|
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Apq8053</a>            | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Apq8053</a>            | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Apq8053 Firmware</a>   | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Apq8053 Firmware</a>   | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Apq8096au</a>          | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Apq8096au</a>          | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Apq8096au Firmware</a> | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Apq8096au Firmware</a> | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Apq8098</a>            | -       | All    | All     | All      |
| Hardware         | <a href="#">Qualcomm</a> | <a href="#">Apq8098</a>            | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Apq8098 Firmware</a>   | -       | All    | All     | All      |
| Operating System | <a href="#">Qualcomm</a> | <a href="#">Apq8098 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="#">Mdm9640</a>            | -       | All    | All     | All      |

|                  |          |                   |   |     |     |     |
|------------------|----------|-------------------|---|-----|-----|-----|
|                  |          |                   |   |     |     |     |
| Hardware         | Qualcomm | Mdm9640           | - | All | All | All |
| Operating System | Qualcomm | Mdm9640 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Mdm9640 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Msm8909w          | - | All | All | All |
| Hardware         | Qualcomm | Msm8909w          | - | All | All | All |
| Operating System | Qualcomm | Msm8909w Firmware | - | All | All | All |
| Operating System | Qualcomm | Msm8909w Firmware | - | All | All | All |
| Hardware         | Qualcomm | Msm8917           | - | All | All | All |
| Hardware         | Qualcomm | Msm8917           | - | All | All | All |
| Operating System | Qualcomm | Msm8917 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Msm8917 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Msm8953           | - | All | All | All |
| Hardware         | Qualcomm | Msm8953           | - | All | All | All |
| Operating System | Qualcomm | Msm8953 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Msm8953 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Nicobar           | - | All | All | All |
| Hardware         | Qualcomm | Nicobar           | - | All | All | All |
| Operating System | Qualcomm | Nicobar Firmware  | - | All | All | All |
| Operating System | Qualcomm | Nicobar Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Qcs605            | - | All | All | All |
| Hardware         | Qualcomm | Qcs605            | - | All | All | All |
| Operating System | Qualcomm | Qcs605 Firmware   | - | All | All | All |
| Operating System | Qualcomm | Qcs605 Firmware   | - | All | All | All |
| Hardware         | Qualcomm | Qm215             | - | All | All | All |
| Hardware         | Qualcomm | Qm215             | - | All | All | All |
| Operating System | Qualcomm | Qm215 Firmware    | - | All | All | All |
| Operating System | Qualcomm | Qm215 Firmware    | - | All | All | All |
| Hardware         | Qualcomm | Rennell           | - | All | All | All |
| Hardware         | Qualcomm | Rennell           | - | All | All | All |
| Operating System | Qualcomm | Rennell Firmware  | - | All | All | All |
| Operating System | Qualcomm | Rennell Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sa6155p           | - | All | All | All |
| Hardware         | Qualcomm | Sa6155p           | - | All | All | All |
| Operating System | Qualcomm | Sa6155p Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sa6155p Firmware  | - | All | All | All |

|                  |          |                 |   |     |     |     |
|------------------|----------|-----------------|---|-----|-----|-----|
| Hardware         | Qualcomm | Saipan          | - | All | All | All |
| Hardware         | Qualcomm | Saipan          | - | All | All | All |
| Operating System | Qualcomm | Saipan Firmware | - | All | All | All |
| Operating System | Qualcomm | Saipan Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sda660          | - | All | All | All |
| Hardware         | Qualcomm | Sda660          | - | All | All | All |
| Operating System | Qualcomm | Sda660 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sda660 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sdm429          | - | All | All | All |
| Hardware         | Qualcomm | Sdm429          | - | All | All | All |
| Operating System | Qualcomm | Sdm429 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sdm429 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sdm439          | - | All | All | All |
| Hardware         | Qualcomm | Sdm439          | - | All | All | All |
| Operating System | Qualcomm | Sdm439 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sdm439 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sdm450          | - | All | All | All |
| Hardware         | Qualcomm | Sdm450          | - | All | All | All |
| Operating System | Qualcomm | Sdm450 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sdm450 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sdm632          | - | All | All | All |
| Hardware         | Qualcomm | Sdm632          | - | All | All | All |
| Operating System | Qualcomm | Sdm632 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sdm632 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sdm670          | - | All | All | All |
| Hardware         | Qualcomm | Sdm670          | - | All | All | All |
| Operating System | Qualcomm | Sdm670 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sdm670 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sdm710          | - | All | All | All |
| Hardware         | Qualcomm | Sdm710          | - | All | All | All |
| Operating System | Qualcomm | Sdm710 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sdm710 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sdm845          | - | All | All | All |
| Hardware         | Qualcomm | Sdm845          | - | All | All | All |
| Operating System | Qualcomm | Sdm845 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sdm845 Firmware | - | All | All | All |

|                  |          |                  |   |     |     |     |
|------------------|----------|------------------|---|-----|-----|-----|
| Operating System | Qualcomm | Sdm845 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sm6150           | - | All | All | All |
| Hardware         | Qualcomm | Sm6150           | - | All | All | All |
| Operating System | Qualcomm | Sm6150 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sm6150 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sm7150           | - | All | All | All |
| Hardware         | Qualcomm | Sm7150           | - | All | All | All |
| Operating System | Qualcomm | Sm7150 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sm7150 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sm8150           | - | All | All | All |
| Hardware         | Qualcomm | Sm8150           | - | All | All | All |
| Operating System | Qualcomm | Sm8150 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sm8150 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sm8250           | - | All | All | All |
| Hardware         | Qualcomm | Sm8250           | - | All | All | All |
| Operating System | Qualcomm | Sm8250 Firmware  | - | All | All | All |
| Operating System | Qualcomm | Sm8250 Firmware  | - | All | All | All |
| Hardware         | Qualcomm | Sxr1130          | - | All | All | All |
| Hardware         | Qualcomm | Sxr1130          | - | All | All | All |
| Operating System | Qualcomm | Sxr1130 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sxr1130 Firmware | - | All | All | All |
| Hardware         | Qualcomm | Sxr2130          | - | All | All | All |
| Hardware         | Qualcomm | Sxr2130          | - | All | All | All |
| Operating System | Qualcomm | Sxr2130 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sxr2130 Firmware | - | All | All | All |

References

| Reference                               | Source  | Link                                                   | Tags                |
|-----------------------------------------|---------|--------------------------------------------------------|---------------------|
| March 2020 Security Bulletin   Qualcomm | CONFIRM | <a href="http://www.qualcomm.com">www.qualcomm.com</a> | Vendor Advisory     |
| CVE Program record                      | CVE.ORG | <a href="http://www.cve.org">www.cve.org</a>           | canonical           |
| NVD vulnerability detail                | NVD     | <a href="http://nvd.nist.gov">nvd.nist.gov</a>         | canonical, analysis |

No vendor comments have been submitted for this CVE.

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

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