



# CVE-2019-10624

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

## Summary

|                        |  |
|------------------------|--|
| <b>CVE</b>             | CVE-2019-10624   |
| <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>       | 2020-04-16 11:15:00 UTC  |
| <b>Updated</b>         | 2021-07-21 11:39:00 UTC  |
| <b>Description</b>     | While handling the vendor command there is an integer truncation issue that could yield a buffer overflow due to int data type |

## Risk And Classification

**Problem Types:** CWE-119 | CWE-681

## NVD Known Affected Configurations (CPE 2.3)

| Type             | Vendor   | Product            | Version | Update | Edition | Language |
|------------------|----------|--------------------|---------|--------|---------|----------|
| Hardware         | Qualcomm | Apq8096au          | -       | All    | All     | All      |
| Hardware         | Qualcomm | Apq8096au          | -       | All    | All     | All      |
| Operating System | Qualcomm | Apq8096au Firmware | -       | All    | All     | All      |
| Operating System | Qualcomm | Apq8096au Firmware | -       | All    | All     | All      |
| Hardware         | Qualcomm | Msm8996au          | -       | All    | All     | All      |
| Hardware         | Qualcomm | Msm8996au          | -       | All    | All     | All      |
| Operating System | Qualcomm | Msm8996au Firmware | -       | All    | All     | All      |
| Operating System | Qualcomm | Msm8996au Firmware | -       | All    | All     | All      |
| Hardware         | Qualcomm | Qca6574au          | -       | All    | All     | All      |
| Hardware         | Qualcomm | Qca6574au          | -       | All    | All     | All      |
| Operating System | Qualcomm | Qca6574au Firmware | -       | All    | All     | All      |
| Operating System | Qualcomm | Qca6574au Firmware | -       | All    | All     | All      |
| Hardware         | Qualcomm | Qcn7605            | -       | All    | All     | All      |
| Hardware         | Qualcomm | Qcn7605            | -       | All    | All     | All      |
| Operating System | Qualcomm | Qcn7605 Firmware   | -       | All    | All     | All      |
| Operating System | Qualcomm | Qcn7605 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 | Sc8180x          | - | All | All | All |
| Hardware         | Qualcomm | Sc8180x          | - | All | All | All |
| Operating System | Qualcomm | Sc8180x Firmware | - | All | All | All |
| Operating System | Qualcomm | Sc8180x 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 | Sdx55            | - | All | All | All |
| Hardware         | Qualcomm | Sdx55            | - | All | All | All |
| Operating System | Qualcomm | Sdx55 Firmware   | - | All | All | All |
| Operating System | Qualcomm | Sdx55 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 | 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                   |
|--------------------------------|---------|--|------------------------|
| April 2020 Bulletin   Qualcomm | CONFIRM | <a href="http://www.qualcomm.com">www.qualcomm.com</a> | Patch, 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.                  |         |  |                     |
| <b>Legacy QID Mappings</b>  |         |  |                     |
| 610347 Google Android May 2021 Security Patch Missing for Huawei EMUI |         |  |                     |

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