



CVE-2019-2312

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2019-2312 |
| State | PUBLIC |
| Assigner | product-security@qualcomm.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2019-07-25 17:15:00 UTC |
| Updated | 2019-07-29 19:57:00 UTC |
| Description | When handling the vendor command there exists a potential buffer overflow due to lack of input validation of data buffer rec |

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|--------------------------|------------------------------------|---------|--------|---------|----------|
| Hardware | Qualcomm | Mdm9607 | - | All | All | All |
| Hardware | Qualcomm | Mdm9607 | - | All | All | All |
| Operating System | Qualcomm | Mdm9607 Firmware | - | All | All | All |
| Operating System | Qualcomm | Mdm9607 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9640 | - | 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 | 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 | Qca6174a | - | All | All | All |
| Hardware | Qualcomm | Qca6174a | - | All | All | All |
| Operating System | Qualcomm | Qca6174a Firmware | - | All | All | All |
| Operating System | Qualcomm | Qca6174a Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6574au | - | All | All | All |

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|------------------|----------|--------------------|---|-----|-----|-----|
| Hardware | Qualcomm | Qca6574au | - | All | All | All |
| Operating System | Qualcomm | Qca6574au Firmware | - | All | All | All |
| Operating System | Qualcomm | Qca6574au Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca9377 | - | All | All | All |
| Hardware | Qualcomm | Qca9377 | - | All | All | All |
| Operating System | Qualcomm | Qca9377 Firmware | - | All | All | All |
| Operating System | Qualcomm | Qca9377 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca9379 | - | All | All | All |
| Hardware | Qualcomm | Qca9379 | - | All | All | All |
| Operating System | Qualcomm | Qca9379 Firmware | - | All | All | All |
| Operating System | Qualcomm | Qca9379 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qcs405 | - | All | All | All |
| Hardware | Qualcomm | Qcs405 | - | All | All | All |
| Operating System | Qualcomm | Qcs405 Firmware | - | All | All | All |
| Operating System | Qualcomm | Qcs405 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 | Sdm630 | - | All | All | All |
| Hardware | Qualcomm | Sdm630 | - | All | All | All |
| Operating System | Qualcomm | Sdm630 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sdm630 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sdm660 | - | All | All | All |
| Hardware | Qualcomm | Sdm660 | - | All | All | All |
| Operating System | Qualcomm | Sdm660 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sdm660 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sdx24 | - | All | All | All |
| Hardware | Qualcomm | Sdx24 | - | All | All | All |
| Operating System | Qualcomm | Sdx24 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sdx24 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 |

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|------------------|----------|-----------------|---|-----|-----|-----|
| 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 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 600 | - | All | All | All |
| Hardware | Qualcomm | Sd 600 | - | All | All | All |
| Operating System | Qualcomm | Sd 600 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 600 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 |

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|------------------|----------|------------------|---|-----|-----|-----|
| Operating System | Qualcomm | Sd 625 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 636 | - | All | All | All |
| Hardware | Qualcomm | Sd 636 | - | All | All | All |
| Operating System | Qualcomm | Sd 636 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 636 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 665 | - | All | All | All |
| Hardware | Qualcomm | Sd 665 | - | All | All | All |
| Operating System | Qualcomm | Sd 665 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 665 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 670 | - | All | All | All |
| Hardware | Qualcomm | Sd 670 | - | All | All | All |
| Operating System | Qualcomm | Sd 670 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 670 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 675 | - | All | All | All |
| Hardware | Qualcomm | Sd 675 | - | All | All | All |
| Operating System | Qualcomm | Sd 675 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 675 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 710 | - | All | All | All |
| Hardware | Qualcomm | Sd 710 | - | All | All | All |
| Operating System | Qualcomm | Sd 710 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 710 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 712 | - | All | All | All |
| Hardware | Qualcomm | Sd 712 | - | All | All | All |
| Operating System | Qualcomm | Sd 712 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 712 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 730 | - | All | All | All |
| Hardware | Qualcomm | Sd 730 | - | All | All | All |
| Operating System | Qualcomm | Sd 730 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 730 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 |

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|------------------|----------|-----------------|---|-----|-----|-----|
| 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 |
| 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 |
| Hardware | Qualcomm | Sd 855 | - | All | All | All |
| Hardware | Qualcomm | Sd 855 | - | All | All | All |
| Operating System | Qualcomm | Sd 855 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 855 Firmware | - | All | All | All |

References

| Reference | Source | Link | Tags |
|---|---------|--|-----------------------------|
| July 2019 Code Aurora Security Bulletin - Code Aurora | CONFIRM | www.codeaurora.org | Patch, Third Party Advisory |
| CVE Program record | CVE.ORG | www.cve.org | canonical |
| NVD vulnerability detail | NVD | nvd.nist.gov | canonical, analysis |

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[610347](#) Google Android May 2021 Security Patch Missing for Huawei EMUI

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