



CVE-2022-22058

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

Summary

| | |
|------------------------|--|
| CVE | CVE-2022-22058 |
| State | PUBLIC |
| Assigner | product-security@qualcomm.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2022-09-26 17:15:00 UTC |
| Updated | 2022-09-28 18:28:00 UTC |
| Description | Memory corruption due to use after free issue in kernel while processing ION handles in Snapdragon Auto, Snapdragon Co |

Risk And Classification

Problem Types: CWE-416

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|--------------------------|------------------------------------|---------|--------|---------|----------|
| Hardware | Qualcomm | Apq8009 | - | All | All | All |
| Hardware | Qualcomm | Apq8009w | - | All | All | All |
| Operating System | Qualcomm | Apq8009w Firmware | - | All | All | All |
| Operating System | Qualcomm | Apq8009 Firmware | - | All | All | All |
| Hardware | Qualcomm | Apq8017 | - | All | All | All |
| Operating System | Qualcomm | Apq8017 Firmware | - | All | All | All |
| Hardware | Qualcomm | Apq8053 | - | All | All | All |
| Operating System | Qualcomm | Apq8053 Firmware | - | All | All | All |
| Hardware | Qualcomm | Apq8096au | - | All | All | All |
| Operating System | Qualcomm | Apq8096au Firmware | - | All | All | All |
| Hardware | Qualcomm | Aqt1000 | - | All | All | All |
| Operating System | Qualcomm | Aqt1000 Firmware | - | All | All | All |
| Hardware | Qualcomm | Csr31024 | - | All | All | All |
| Operating System | Qualcomm | Csr31024 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9150 | - | All | All | All |
| Operating System | Qualcomm | Mdm9150 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9206 | - | All | All | All |

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|------------------|----------|--------------------|---|-----|-----|-----|
| Operating System | Qualcomm | Mdm9206 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9250 | - | All | All | All |
| Operating System | Qualcomm | Mdm9250 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9607 | - | All | All | All |
| Operating System | Qualcomm | Mdm9607 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9626 | - | All | All | All |
| Operating System | Qualcomm | Mdm9626 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9628 | - | All | All | All |
| Operating System | Qualcomm | Mdm9628 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9640 | - | All | All | All |
| Operating System | Qualcomm | Mdm9640 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9650 | - | All | All | All |
| Operating System | Qualcomm | Mdm9650 Firmware | - | All | All | All |
| Hardware | Qualcomm | Msm8909w | - | All | All | All |
| Operating System | Qualcomm | Msm8909w Firmware | - | All | All | All |
| Hardware | Qualcomm | Msm8917 | - | All | All | All |
| Operating System | Qualcomm | Msm8917 Firmware | - | All | All | All |
| Hardware | Qualcomm | Msm8937 | - | All | All | All |
| Operating System | Qualcomm | Msm8937 Firmware | - | All | All | All |
| Hardware | Qualcomm | Msm8953 | - | All | All | All |
| Operating System | Qualcomm | Msm8953 Firmware | - | All | All | All |
| Hardware | Qualcomm | Msm8996au | - | All | All | All |
| Operating System | Qualcomm | Msm8996au Firmware | - | All | All | All |
| Hardware | Qualcomm | Pm8937 | - | All | All | All |
| Operating System | Qualcomm | Pm8937 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca4020 | - | All | All | All |
| Operating System | Qualcomm | Qca4020 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6174a | - | All | All | All |
| Operating System | Qualcomm | Qca6174a Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6175a | - | All | All | All |
| Operating System | Qualcomm | Qca6175a Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6310 | - | All | All | All |
| Operating System | Qualcomm | Qca6310 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6320 | - | All | All | All |
| Operating System | Qualcomm | Qca6320 Firmware | - | All | All | All |

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|------------------|----------|--------------------|---|-----|-----|-----|
| Hardware | Qualcomm | Qca6335 | - | All | All | All |
| Operating System | Qualcomm | Qca6335 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6420 | - | All | All | All |
| Operating System | Qualcomm | Qca6420 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6430 | - | All | All | All |
| Operating System | Qualcomm | Qca6430 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6564a | - | All | All | All |
| Hardware | Qualcomm | Qca6564au | - | All | All | All |
| Operating System | Qualcomm | Qca6564au Firmware | - | All | All | All |
| Operating System | Qualcomm | Qca6564a Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6574 | - | All | All | All |
| Hardware | Qualcomm | Qca6574a | - | All | All | All |
| Hardware | Qualcomm | Qca6574au | - | All | All | All |
| Operating System | Qualcomm | Qca6574au Firmware | - | All | All | All |
| Operating System | Qualcomm | Qca6574a Firmware | - | All | All | All |
| Operating System | Qualcomm | Qca6574 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6584 | - | All | All | All |
| Operating System | Qualcomm | Qca6584 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6595au | - | All | All | All |
| Operating System | Qualcomm | Qca6595au Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6696 | - | All | All | All |
| Operating System | Qualcomm | Qca6696 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca9367 | - | All | All | All |
| Operating System | Qualcomm | Qca9367 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca9377 | - | All | All | All |
| Operating System | Qualcomm | Qca9377 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca9379 | - | All | All | All |
| Operating System | Qualcomm | Qca9379 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qcn7605 | - | All | All | All |
| Operating System | Qualcomm | Qcn7605 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qcn7606 | - | All | All | All |
| Operating System | Qualcomm | Qcn7606 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qcs603 | - | All | All | All |
| Operating System | Qualcomm | Qcs603 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qcs605 | - | All | All | All |

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|------------------|----------|----------------------|---|-----|-----|-----|
| Operating System | Qualcomm | Qcs605 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qualcomm215 | - | All | All | All |
| Operating System | Qualcomm | Qualcomm215 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sa415m | - | All | All | All |
| Operating System | Qualcomm | Sa415m Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd429 | - | All | All | All |
| Operating System | Qualcomm | Sd429 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd439 | - | All | All | All |
| Operating System | Qualcomm | Sd439 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd450 | - | All | All | All |
| Operating System | Qualcomm | Sd450 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd632 | - | All | All | All |
| Operating System | Qualcomm | Sd632 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd660 | - | All | All | All |
| Operating System | Qualcomm | Sd660 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd670 | - | All | All | All |
| Operating System | Qualcomm | Sd670 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd710 | - | All | All | All |
| Operating System | Qualcomm | Sd710 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd820 | - | All | All | All |
| Operating System | Qualcomm | Sd820 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd835 | - | All | All | All |
| Operating System | Qualcomm | Sd835 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd845 | - | All | All | All |
| Operating System | Qualcomm | Sd845 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd855 | - | All | All | All |
| Operating System | Qualcomm | Sd855 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sdm429w | - | All | All | All |
| Operating System | Qualcomm | Sdm429w Firmware | - | All | All | All |
| Hardware | Qualcomm | Sdw2500 | - | All | All | All |
| Operating System | Qualcomm | Sdw2500 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sdx20 | - | All | All | All |
| Operating System | Qualcomm | Sdx20 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sdx24 | - | All | All | All |
| Operating System | Qualcomm | Sdx24 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sdxr1 | - | All | All | All |

| | | | | | | |
|------------------|----------|-------------------|---|-----|-----|-----|
| Operating System | Qualcomm | Sdxr1 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcd9326 | - | All | All | All |
| Operating System | Qualcomm | Wcd9326 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcd9330 | - | All | All | All |
| Operating System | Qualcomm | Wcd9330 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcd9335 | - | All | All | All |
| Operating System | Qualcomm | Wcd9335 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcd9340 | - | All | All | All |
| Operating System | Qualcomm | Wcd9340 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcd9341 | - | All | All | All |
| Operating System | Qualcomm | Wcd9341 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcn3610 | - | All | All | All |
| Operating System | Qualcomm | Wcn3610 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcn3615 | - | All | All | All |
| Operating System | Qualcomm | Wcn3615 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcn3620 | - | All | All | All |
| Operating System | Qualcomm | Wcn3620 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcn3660 | - | All | All | All |
| Hardware | Qualcomm | Wcn3660b | - | All | All | All |
| Operating System | Qualcomm | Wcn3660b Firmware | - | All | All | All |
| Operating System | Qualcomm | Wcn3660 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcn3680 | - | All | All | All |
| Hardware | Qualcomm | Wcn3680b | - | All | All | All |
| Operating System | Qualcomm | Wcn3680b Firmware | - | All | All | All |
| Operating System | Qualcomm | Wcn3680 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcn3980 | - | All | All | All |
| Operating System | Qualcomm | Wcn3980 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcn3990 | - | All | All | All |
| Operating System | Qualcomm | Wcn3990 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcn3998 | - | All | All | All |
| Operating System | Qualcomm | Wcn3998 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wsa8810 | - | All | All | All |
| Operating System | Qualcomm | Wsa8810 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wsa8815 | - | All | All | All |
| Operating System | Qualcomm | Wsa8815 Firmware | - | All | All | All |

References

| Reference | Source | Link | Tags |
|--------------------------|---------|--|---------------------|
| Qualcomm Documentation | CONFIRM | www.qualcomm.com | |
| 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

[610424](#) Google Android Devices July 2022 Security Patch Missing

[610434](#) Google Android August 2022 Security Patch Missing for Huawei EMUI

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