



CVE-2021-35072

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2021-35072 |
| State | PUBLIC |
| Assigner | product-security@qualcomm.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2022-06-14 10:15:00 UTC |
| Updated | 2022-06-22 20:25:00 UTC |
| Description | Possible buffer overflow due to improper validation of array index while processing external DIAG command in Snapdragon |

Risk And Classification

Problem Types: CWE-129

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 | Apq8037 | - | All | All | All |
| Operating System | Qualcomm | Apq8037 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 | Mdm9150 | - | All | All | All |
| Operating System | Qualcomm | Mdm9150 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9206 | - | All | All | All |
| Operating System | Qualcomm | Mdm9206 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9250 | - | All | All | All |

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|------------------|----------|--------------------|---|-----|-----|-----|
| Operating System | Qualcomm | Mdm9250 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9607 | - | All | All | All |
| Operating System | Qualcomm | Mdm9607 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 | Msm8108 | - | All | All | All |
| Operating System | Qualcomm | Msm8108 Firmware | - | All | All | All |
| Hardware | Qualcomm | Msm8208 | - | All | All | All |
| Operating System | Qualcomm | Msm8208 Firmware | - | All | All | All |
| Hardware | Qualcomm | Msm8209 | - | All | All | All |
| Operating System | Qualcomm | Msm8209 Firmware | - | All | All | All |
| Hardware | Qualcomm | Msm8608 | - | All | All | All |
| Operating System | Qualcomm | Msm8608 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 | Msm8920 | - | All | All | All |
| Operating System | Qualcomm | Msm8920 Firmware | - | All | All | All |
| Hardware | Qualcomm | Msm8937 | - | All | All | All |
| Operating System | Qualcomm | Msm8937 Firmware | - | All | All | All |
| Hardware | Qualcomm | Msm8940 | - | All | All | All |
| Operating System | Qualcomm | Msm8940 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 | Qca6174a | - | All | All | All |
| Operating System | Qualcomm | Qca6174a Firmware | - | All | All | All |
| Hardware | Qualcomm | Qca6310 | - | All | All | All |
| Operating System | Qualcomm | Qca6310 Firmware | - | All | All | All |

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|------------------|----------|----------------------|---|-----|-----|-----|
| Hardware | Qualcomm | Qca6320 | - | All | All | All |
| Operating System | Qualcomm | Qca6320 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 | 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 | Qcm2290 | - | All | All | All |
| Operating System | Qualcomm | Qcm2290 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qcm4290 | - | All | All | All |
| Operating System | Qualcomm | Qcm4290 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qcs2290 | - | All | All | All |
| Operating System | Qualcomm | Qcs2290 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qcs4290 | - | All | All | All |
| Operating System | Qualcomm | Qcs4290 Firmware | - | All | All | All |
| Hardware | Qualcomm | Qualcomm215 | - | All | All | All |
| Operating System | Qualcomm | Qualcomm215 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd210 | - | All | All | All |
| Operating System | Qualcomm | Sd210 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd429 | - | All | All | All |
| Operating System | Qualcomm | Sd429 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd439 | - | All | All | All |

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|------------------|----------|------------------|---|-----|-----|-----|
| Operating System | Qualcomm | Sd439 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd450 | - | All | All | All |
| Operating System | Qualcomm | Sd450 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd460 | - | All | All | All |
| Operating System | Qualcomm | Sd460 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd632 | - | All | All | All |
| Operating System | Qualcomm | Sd632 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd662 | - | All | All | All |
| Operating System | Qualcomm | Sd662 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd680 | - | All | All | All |
| Operating System | Qualcomm | Sd680 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd820 | - | All | All | All |
| Operating System | Qualcomm | Sd820 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd821 | - | All | All | All |
| Operating System | Qualcomm | Sd821 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd835 | - | All | All | All |
| Operating System | Qualcomm | Sd835 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 | Sdx12 | - | All | All | All |
| Operating System | Qualcomm | Sdx12 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sm4125 | - | All | All | All |
| Operating System | Qualcomm | Sm4125 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sw5100 | - | All | All | All |
| Hardware | Qualcomm | Sw5100p | - | All | All | All |
| Operating System | Qualcomm | Sw5100p Firmware | - | All | All | All |
| Operating System | Qualcomm | Sw5100 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 |

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|------------------|----------|-------------------|---|-----|-----|-----|
| Operating System | Qualcomm | Wcd9340 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcd9341 | - | All | All | All |
| Operating System | Qualcomm | Wcd9341 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcd9370 | - | All | All | All |
| Operating System | Qualcomm | Wcd9370 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcd9375 | - | All | All | All |
| Operating System | Qualcomm | Wcd9375 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 | Wcn3910 | - | All | All | All |
| Operating System | Qualcomm | Wcn3910 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcn3950 | - | All | All | All |
| Operating System | Qualcomm | Wcn3950 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcn3980 | - | All | All | All |
| Operating System | Qualcomm | Wcn3980 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wcn3988 | - | All | All | All |
| Operating System | Qualcomm | Wcn3988 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 |

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|------------------|----------|------------------|---|-----|-----|-----|
| Hardware | Qualcomm | Wsa8815 | - | All | All | All |
| Operating System | Qualcomm | Wsa8815 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wsa8830 | - | All | All | All |
| Operating System | Qualcomm | Wsa8830 Firmware | - | All | All | All |
| Hardware | Qualcomm | Wsa8835 | - | All | All | All |
| Operating System | Qualcomm | Wsa8835 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

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| 610413 Google Android Devices May 2022 Security Patch Missing |
| 610419 Google Android June 2022 Security Patch Missing for Samsung |

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