



CVE-2017-18124

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

Summary

| | |
|------------------------|---|
| CVE | CVE-2017-18124 |
| State | PUBLIC |
| Assigner | product-security@qualcomm.com |
| Source Priority | CVE Program / NVD first with legacy fallback |
| Published | 2018-10-26 13:29:00 UTC |
| Updated | 2018-12-20 15:24:00 UTC |
| Description | During secure boot, addition is performed on uint8 ptrs which led to overflow issue in Small Cell SoC, Snapdragon Automok |

Risk And Classification

Problem Types: CWE-119

NVD Known Affected Configurations (CPE 2.3)

| Type | Vendor | Product | Version | Update | Edition | Language |
|------------------|----------|------------------|---------|--------|---------|----------|
| Hardware | Qualcomm | Fsm9055 | - | All | All | All |
| Hardware | Qualcomm | Fsm9055 | - | All | All | All |
| Operating System | Qualcomm | Fsm9055 Firmware | - | All | All | All |
| Operating System | Qualcomm | Fsm9055 Firmware | - | All | All | All |
| Hardware | Qualcomm | lpq4019 | - | All | All | All |
| Hardware | Qualcomm | lpq4019 | - | All | All | All |
| Operating System | Qualcomm | lpq4019 Firmware | - | All | All | All |
| Operating System | Qualcomm | lpq4019 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9206 | - | All | All | All |
| Hardware | Qualcomm | Mdm9206 | - | All | All | All |
| Operating System | Qualcomm | Mdm9206 Firmware | - | All | All | All |
| Operating System | Qualcomm | Mdm9206 Firmware | - | All | All | All |
| 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 | Mdm9625 | - | All | All | All |

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|------------------|----------|--------------------|---|-----|-----|-----|
| Hardware | Qualcomm | Mdm9625 | - | All | All | All |
| Operating System | Qualcomm | Mdm9625 Firmware | - | All | All | All |
| Operating System | Qualcomm | Mdm9625 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9635m | - | All | All | All |
| Hardware | Qualcomm | Mdm9635m | - | All | All | All |
| Operating System | Qualcomm | Mdm9635m Firmware | - | All | All | All |
| Operating System | Qualcomm | Mdm9635m 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 | Mdm9645 | - | All | All | All |
| Hardware | Qualcomm | Mdm9645 | - | All | All | All |
| Operating System | Qualcomm | Mdm9645 Firmware | - | All | All | All |
| Operating System | Qualcomm | Mdm9645 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9650 | - | All | All | All |
| Hardware | Qualcomm | Mdm9650 | - | All | All | All |
| Operating System | Qualcomm | Mdm9650 Firmware | - | All | All | All |
| Operating System | Qualcomm | Mdm9650 Firmware | - | All | All | All |
| Hardware | Qualcomm | Mdm9655 | - | All | All | All |
| Hardware | Qualcomm | Mdm9655 | - | All | All | All |
| Operating System | Qualcomm | Mdm9655 Firmware | - | All | All | All |
| Operating System | Qualcomm | Mdm9655 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 | 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 | 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 |

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|------------------|----------|-----------------|---|-----|-----|-----|
| Hardware | Qualcomm | Sdx20 | - | All | All | All |
| Hardware | Qualcomm | Sdx20 | - | All | All | All |
| Operating System | Qualcomm | Sdx20 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sdx20 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 |
| 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 410 | - | All | All | All |
| Hardware | Qualcomm | Sd 410 | - | All | All | All |
| Operating System | Qualcomm | Sd 410 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 410 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 412 | - | All | All | All |
| Hardware | Qualcomm | Sd 412 | - | All | All | All |
| Operating System | Qualcomm | Sd 412 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 412 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 415 | - | All | All | All |
| Hardware | Qualcomm | Sd 415 | - | All | All | All |
| Operating System | Qualcomm | Sd 415 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 415 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 430 | - | All | All | All |
| Hardware | Qualcomm | Sd 430 | - | All | All | All |
| Operating System | Qualcomm | Sd 430 Firmware | - | All | All | All |

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|------------------|----------|-----------------|---|-----|-----|-----|
| Operating System | Qualcomm | Sd 430 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 615 | - | All | All | All |
| Hardware | Qualcomm | Sd 615 | - | All | All | All |
| Operating System | Qualcomm | Sd 615 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 615 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 616 | - | All | All | All |
| Hardware | Qualcomm | Sd 616 | - | All | All | All |
| Operating System | Qualcomm | Sd 616 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 616 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 617 | - | All | All | All |
| Hardware | Qualcomm | Sd 617 | - | All | All | All |
| Operating System | Qualcomm | Sd 617 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 617 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 |
| Hardware | Qualcomm | Sd 650 | - | All | All | All |
| Hardware | Qualcomm | Sd 650 | - | All | All | All |
| Operating System | Qualcomm | Sd 650 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 650 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 652 | - | All | All | All |
| Hardware | Qualcomm | Sd 652 | - | All | All | All |
| Operating System | Qualcomm | Sd 652 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 652 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 800 | - | All | All | All |
| Hardware | Qualcomm | Sd 800 | - | All | All | All |
| Operating System | Qualcomm | Sd 800 Firmware | - | All | All | All |
| Operating System | Qualcomm | Sd 800 Firmware | - | All | All | All |
| Hardware | Qualcomm | Sd 810 | - | All | All | All |
| Hardware | Qualcomm | Sd 810 | - | All | All | All |
| Operating System | Qualcomm | Sd 810 Firmware | - | All | All | All |

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|------------------|----------|------------------|---|-----|-----|-----|
| Operating System | Qualcomm | Sd 810 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 |
| 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 |

References

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

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

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