



CVE-2019-10607

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CVE-2019-10607

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Apq8009](#) from [Qualcomm](#) contain the following vulnerability:

Out of bounds memcpy can occur by providing the embedded NULL character string and length greater than the actual string length in Snapdragon Auto, Snapdragon Compute, Snapdragon Connectivity, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon IoT,

Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wearables, Snapdragon Wired Infrastructure and Networking in APQ8009, APQ8017, APQ8053, APQ8064, APQ8096AU, APQ8098, IPQ4019, IPQ8064, IPQ8074, MDM9206, MDM9207C, MDM9607, MDM9615, MDM9640, MDM9650, MSM8905, MSM8909, MSM8909W, MSM8917, MSM8920, MSM8937, MSM8939, MSM8940, MSM8996, MSM8996AU, QCA4531, QCA8081, QCA9531, QCA9558, QCA9886, QCA9980, QCN7605, QCS605, SDA660, SDX20, SDX24, SDX55, SM8150, SXR1130

CVE-2019-10607 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Q](#) Qualcomm, Inc. - Snapdragon Auto, Snapdragon Compute, Snapdragon Connectivity, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon IoT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wearables, Snapdragon Wired Infrastructure and Networking version APQ8009, APQ8017, APQ8053, APQ8064, APQ8096AU, APQ8098, IPQ4019, IPQ8064, IPQ8074, MDM9206, MDM9207C, MDM9607, MDM9615, MDM9640, MDM9650, MSM8905, MSM8909, MSM8909W, MSM8917, MSM8920, MSM8937, MSM8939, MSM8940, MSM8996, MSM8996AU, QCA4531, QCA8081, QCA9531, QCA9558, QCA9886, QCA9980, QCN7605, QCS605, SDA660, SDX20, SDX24, SDX55, SM8150, SXR1130

CVSS3 Score: **7.8 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: **7.2 - HIGH**

**Access
Vector**

LOCAL

**Access
Complexity**

LOW

Authentication

NONE

**Confidentiality
Impact**

COMPLETE

**Integrity
Impact**

COMPLETE

**Availability
Impact**

COMPLETE

CVE References

Description

Tags

Link

December 2019 Security Bulletin |
Qualcomm

[Patch](#)
[Vendor Advisory](#)
[www.qualcomm.com](#)
[text/html](#)

 **CONFIRM** www.qualcomm.com/company/product-security/bulletins/december-2019-bulletin

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware 	Qualcomm	Apq8009	-	All	All	All
Hardware 	Qualcomm	Apq8009	-	All	All	All
Operating System	Qualcomm	Apq8009 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8009 Firmware	-	All	All	All
Hardware 	Qualcomm	Apq8017	-	All	All	All
Hardware 	Qualcomm	Apq8017	-	All	All	All
Operating System	Qualcomm	Apq8017 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8017 Firmware	-	All	All	All
Hardware 	Qualcomm	Apq8053	-	All	All	All
Hardware 	Qualcomm	Apq8053	-	All	All	All
Operating System	Qualcomm	Apq8053 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8053 Firmware	-	All	All	All

Hardware  	Qualcomm	Apq8064	-	All	All	All
Hardware  	Qualcomm	Apq8064	-	All	All	All
Operating System	Qualcomm	Apq8064 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8064 Firmware	-	All	All	All
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	Apq8098	-	All	All	All
Hardware  	Qualcomm	Apq8098	-	All	All	All
Operating System	Qualcomm	Apq8098 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8098 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	lpq8064	-	All	All	All
Hardware  	Qualcomm	lpq8064	-	All	All	All
Operating System	Qualcomm	lpq8064 Firmware	-	All	All	All
Operating System	Qualcomm	lpq8064 Firmware	-	All	All	All
Hardware  	Qualcomm	lpq8074	-	All	All	All
Hardware  	Qualcomm	lpq8074	-	All	All	All
Operating System	Qualcomm	lpq8074 Firmware	-	All	All	All
Operating System	Qualcomm	lpq8074 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	Mdm9207c	-	All	All	All
Hardware  	Qualcomm	Mdm9207c	-	All	All	All
Operating System	Qualcomm	Mdm9207c Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9207c 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	Mdm9615	-	All	All	All
Hardware  	Qualcomm	Mdm9615	-	All	All	All
Operating System	Qualcomm	Mdm9615 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9615 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	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	Msm8905	-	All	All	All
Hardware  	Qualcomm	Msm8905	-	All	All	All
Operating System	Qualcomm	Msm8905 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8905 Firmware	-	All	All	All
Hardware  	Qualcomm	Msm8909	-	All	All	All

Hardware  	Qualcomm	Msm8909	-	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
Operating System	Qualcomm	Msm8909 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8909 Firmware	-	All	All	All
Hardware  	Qualcomm	Msm8917	-	All	All	All
Hardware  	Qualcomm	Msm8917	-	All	All	All
Operating System	Qualcomm	Msm8917 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8917 Firmware	-	All	All	All
Hardware  	Qualcomm	Msm8920	-	All	All	All
Hardware  	Qualcomm	Msm8920	-	All	All	All
Operating System	Qualcomm	Msm8920 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8920 Firmware	-	All	All	All
Hardware  	Qualcomm	Msm8937	-	All	All	All
Hardware  	Qualcomm	Msm8937	-	All	All	All
Operating System	Qualcomm	Msm8937 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8937 Firmware	-	All	All	All
Hardware  	Qualcomm	Msm8939	-	All	All	All
Hardware  	Qualcomm	Msm8939	-	All	All	All
Operating System	Qualcomm	Msm8939 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8939 Firmware	-	All	All	All
Hardware  	Qualcomm	Msm8940	-	All	All	All
Hardware  	Qualcomm	Msm8940	-	All	All	All
Operating System	Qualcomm	Msm8940 Firmware	-	All	All	All
Operating	Qualcomm	Msm8940 Firmware	-	All	All	All

System						
Hardware  	Qualcomm	Msm8996	-	All	All	All
Hardware  	Qualcomm	Msm8996	-	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
Operating System	Qualcomm	Msm8996 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8996 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca4531	-	All	All	All
Hardware  	Qualcomm	Qca4531	-	All	All	All
Operating System	Qualcomm	Qca4531 Firmware	-	All	All	All
Operating System	Qualcomm	Qca4531 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca8081	-	All	All	All
Hardware  	Qualcomm	Qca8081	-	All	All	All
Operating System	Qualcomm	Qca8081 Firmware	-	All	All	All
Operating System	Qualcomm	Qca8081 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca9531	-	All	All	All
Hardware  	Qualcomm	Qca9531	-	All	All	All
Operating System	Qualcomm	Qca9531 Firmware	-	All	All	All
Operating System	Qualcomm	Qca9531 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca9558	-	All	All	All
Hardware  	Qualcomm	Qca9558	-	All	All	All
Operating System	Qualcomm	Qca9558 Firmware	-	All	All	All
Operating System	Qualcomm	Qca9558 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca9886	-	All	All	All
Hardware  	Qualcomm	Qca9886	-	All	All	All

Operating System	Qualcomm	Qca9886 Firmware	-	All	All	All
Operating System	Qualcomm	Qca9886 Firmware	-	All	All	All
Hardware 	Qualcomm	Qca9980	-	All	All	All
Hardware 	Qualcomm	Qca9980	-	All	All	All
Operating System	Qualcomm	Qca9980 Firmware	-	All	All	All
Operating System	Qualcomm	Qca9980 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	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	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
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	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
Operating System	Qualcomm	Sdx24 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	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	Sxr1130	-	All	All	All
Hardware		Qualcomm	Sxr1130	-	All	All	All
Operating System		Qualcomm	Sxr1130 Firmware	-	All	All	All
Operating System		Qualcomm	Sxr1130 Firmware	-	All	All	All

cpe:2.3:h:qualcomm:apq8009:-:~::~:

cpe:2.3:h:qualcomm:apq8009:-:~::~:

cpe:2.3:o:qualcomm:apq8009_firmware:-:~::~:

cpe:2.3:o:qualcomm:apq8009_firmware:-:~::~:

cpe:2.3:h:qualcomm:apq8017:-:~::~:

cpe:2.3:h:qualcomm:apq8017:-:~::~:

cpe:2.3:o:qualcomm:apq8017_firmware:-:~::~:

cpe:2.3:o:qualcomm:apq8017_firmware:-:~::~:

cpe:2.3:h:qualcomm:apq8053:-:~::~:

cpe:2.3:h:qualcomm:apq8053:-:~::~:

cpe:2.3:o:qualcomm:apq8053_firmware:-:~::~:

cpe:2.3:o:qualcomm:apq8053_firmware:-:~::~:

cpe:2.3:h:qualcomm:apq8064:-:~::~:

cpe:2.3:h:qualcomm:apq8064:-:~::~:

cpe:2.3:o:qualcomm:apq8064_firmware:-:~::~:

cpe:2.3:o:qualcomm:apq8064_firmware:-:~::~:

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```
cpe:2.3:o:qualcomm:gcs605 firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qcs605_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:h:qualcomm:sda660:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sda660:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sda660_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sda660_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sdx20:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdx20:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdx20_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdx20_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sdx24:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdx24:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdx24_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdx24_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sdx55:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdx55:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdx55_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdx55_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm8150_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm8150_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sxr1130:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:sxr1130:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sxr1130 firmware:-.*:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*:*:*:*:*:
```

No vendor comments have been submitted for this CVE

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