

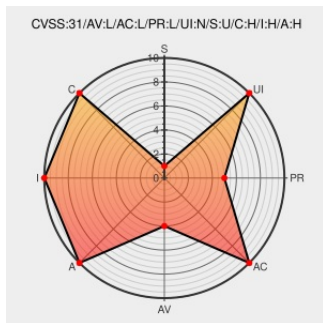


CVE-2019-10598

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CVE-2019-10598

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Apq8053](#) from [Qualcomm](#) contain the following vulnerability:

Out of bound access can occur while processing peer info in IBSS connection mode due to lack of upper bounds check to ensure that for loop further will not cause an overflow in Snapdragon Auto, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile,

Snapdragon Voice & Music in APQ8053, APQ8096AU, MDM9607, MSM8996AU, QCA6574AU, QCN7605, QCS605, SDA660, SDA845, SDM630, SDM636, SDM660, SDM845, SDX20, SDX24, SDX55, SM6150, SM7150, SM8150, SXR1130

CVE-2019-10598 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 Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music version APQ8053, APQ8096AU, MDM9607, MSM8996AU, QCA6574AU, QCN7605, QCS605, SDA660, SDA845, SDM630, SDM636, SDM660, SDM845, SDX20, SDX24, SDX55, SM6150, SM7150, 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	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact

COMPLETE

COMPLETE

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	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	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	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	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	Qca6574au	-	All	All	All
Hardware  	Qualcomm	Qca6574au	-	All	All	All
Operating System	Qualcomm	Qca6574au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6574au 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	Sda845	-	All	All	All
Hardware  	Qualcomm	Sda845	-	All	All	All
Operating System	Qualcomm	Sda845 Firmware	-	All	All	All
Operating System	Qualcomm	Sda845 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	Sdm636	-	All	All	All
Hardware  	Qualcomm	Sdm636	-	All	All	All
Operating	Qualcomm	Sdm636 Firmware	-	All	All	All

System						
Operating System	Qualcomm	Sdm636 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	Sdm845	-	All	All	All
Hardware  	Qualcomm	Sdm845	-	All	All	All
Operating System	Qualcomm	Sdm845 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm845 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
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	Sm6150	-	All	All	All
Hardware  	Qualcomm	Sm6150	-	All	All	All
Operating System	Qualcomm	Sm6150 Firmware	-	All	All	All
Operating System	Qualcomm	Sm6150 Firmware	-	All	All	All
Hardware  	Qualcomm	Sm7150	-	All	All	All

Hardware		Qualcomm	Sm7150	-	All	All	All
Operating System		Qualcomm	Sm7150 Firmware	-	All	All	All
Operating System		Qualcomm	Sm7150 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: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:apq8096au:-:~::~:							
cpe:2.3:h:qualcomm:apq8096au:-:~::~:							
cpe:2.3:o:qualcomm:apq8096au_firmware:-:~::~:							
cpe:2.3:o:qualcomm:apq8096au_firmware:-:~::~:							
cpe:2.3:h:qualcomm:mdm9607:-:~::~:							
cpe:2.3:h:qualcomm:mdm9607:-:~::~:							
cpe:2.3:o:qualcomm:mdm9607_firmware:-:~::~:							
cpe:2.3:o:qualcomm:mdm9607_firmware:-:~::~:							
cpe:2.3:h:qualcomm:msm8996au:-:~::~:							
cpe:2.3:h:qualcomm:msm8996au:-:~::~:							
cpe:2.3:o:qualcomm:msm8996au_firmware:-:~::~:							
cpe:2.3:o:qualcomm:msm8996au_firmware:-:~::~:							

cpe:2.3:h:qualcomm:qca6574au:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca6574au:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qca6574au_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qca6574au_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:qcn7605:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:qcn7605:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qcn7605_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qcn7605_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qcs605:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qcs605:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qcs605_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:sda845:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sda845:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sda845_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:o:qualcomm:sda845_firmware:-:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:sdm630:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sdm630:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm630_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm630_firmware:-:*:*:*:*:*:*
```

cpe:2.3:h:qualcomm:sdm636:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdm636:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdm636 firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm636_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sdm660:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sdm660:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm660_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sdm660_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:h:qualcomm:sdm845:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sdm845:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm845 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sdm845_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:sm6150:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:sm6150:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sm6150_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm6150_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sm7150:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sm7150:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sm7150_firmware:-:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:sm7150_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sm8150_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sxr1130:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sm8150_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sxr1130:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sxr1130:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*:*:*:*:*:

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cpe:2.3:h:qualcomm:sxr1130:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*:*:*:*:*:

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

No vendor comments have been submitted for this CVE

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