



CVE-2019-14086

Published on: 03/05/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:58 PM UTC

CVE-2019-14086

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

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Apq8098](#) from [Qualcomm](#) contain the following vulnerability:

Possible integer overflow while checking the length of frame which is a 32 bit integer and is added to another 32 bit integer which can lead to unexpected result during the check in Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon

Mobile in APQ8098, MDM9607, MSM8998, QCA6584, QCN7605, QCS605, SDA660, SDM630, SDM636, SDM660, SDM670, SDM710, SDM845, SDM850, SM6150, SM7150, SM8150, SXR1130

CVE-2019-14086 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [Q](#) **Qualcomm, Inc. - Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile version APQ8098, MDM9607, MSM8998, QCA6584, QCN7605, QCS605, SDA660, SDM630, SDM636, SDM660, SDM670, SDM710, SDM845, SDM850, SM6150, SM7150, SM8150, SXR1130**

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **10 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact

COMPLETE

COMPLETE

COMPLETE

CVE References

Description	Tags	Link
March 2020 Security Bulletin Qualcomm	Vendor Advisory www.qualcomm.com text/html	Q CONFIRM www.qualcomm.com/company/product-security/bulletins/march-2020-bulletin

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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	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	Msm8998	-	All	All	All
Hardware 	Qualcomm	Msm8998	-	All	All	All
Operating System	Qualcomm	Msm8998 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8998 Firmware	-	All	All	All
Hardware 	Qualcomm	Qca6584	-	All	All	All
Hardware 	Qualcomm	Qca6584	-	All	All	All
Operating System	Qualcomm	Qca6584 Firmware	-	All	All	All
Operating System	Qualcomm	Qca6584 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	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 System	Qualcomm	Sdm636 Firmware	-	All	All	All
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	Sdm670	-	All	All	All
Hardware  	Qualcomm	Sdm670	-	All	All	All
Operating System	Qualcomm	Sdm670 Firmware	-	All	All	All

Operating System	Qualcomm	Sdm670 Firmware	-	All	All	All
Hardware  	Qualcomm	Sdm710	-	All	All	All
Hardware  	Qualcomm	Sdm710	-	All	All	All
Operating System	Qualcomm	Sdm710 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm710 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	Sdm850	-	All	All	All
Hardware  	Qualcomm	Sdm850	-	All	All	All
Operating System	Qualcomm	Sdm850 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm850 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		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:apq8098:-:~::~:						
cpe:2.3:h:qualcomm:apq8098:-:~::~:						
cpe:2.3:o:qualcomm:apq8098_firmware:-:~::~:						
cpe:2.3:o:qualcomm:apq8098_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:msm8998:-:~::~:						
cpe:2.3:h:qualcomm:msm8998:-:~::~:						
cpe:2.3:o:qualcomm:msm8998_firmware:-:~::~:						
cpe:2.3:o:qualcomm:msm8998_firmware:-:~::~:						
cpe:2.3:h:qualcomm:qca6584:-:~::~:						
cpe:2.3:h:qualcomm:qca6584:-:~::~:						
cpe:2.3:o:qualcomm:qca6584_firmware:-:~::~:						
cpe:2.3:o:qualcomm:qca6584_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: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:sdm670:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sdm670:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sdm670_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sdm670_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sdm710:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sdm710:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sdm710_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sdm710_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:sdm850:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sdm850:-:~::~~::~~::~~::~~::~~::~~:::

```
cpe:2.3:o:qualcomm:sdm850_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sdm850_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:-:*:*:*:*:*:
```

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

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

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

```
cpe:2.3:o:qualcomm:sm7150_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

[← Previous ID](#)

Next ID→