



CVE-2019-10589

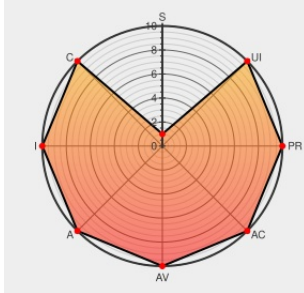
Published on: 04/16/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:39 PM UTC

CVE-2019-10589

[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 [Apq8017](#) from [Qualcomm](#) contain the following vulnerability:

Lack of length check of response buffer can lead to buffer over-flow while GP command response buffer handling in Snapdragon Auto, Snapdragon Compute, Snapdragon Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wired Infrastructure and

Networking in APQ8017, APQ8053, APQ8098, MDM9206, MDM9607, MSM8917, MSM8920, MSM8937, MSM8940, MSM8953, MSM8998, QM215, SDA660, SDM429, SDM439, SDM450, SDM630, SDM632, SDM636, SDM660

CVE-2019-10589 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 Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wired Infrastructure and Networking** version **APQ8017, APQ8053, APQ8098, MDM9206, MDM9607, MSM8917, MSM8920, MSM8937, MSM8940, MSM8953, MSM8998, QM215, SDA660, SDM429, SDM439, SDM450, SDM630, SDM632, SDM636, SDM660**

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
April 2020 Bulletin Qualcomm	Vendor Advisory www.qualcomm.com text/html	Q CONFIRM www.qualcomm.com/company/product-security/bulletins/april-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	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	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	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	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	Msm8940	-	All	All	All
Hardware  	Qualcomm	Msm8940	-	All	All	All
Operating System	Qualcomm	Msm8940 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8940 Firmware	-	All	All	All
Hardware  	Qualcomm	Msm8953	-	All	All	All
Hardware  	Qualcomm	Msm8953	-	All	All	All
Operating System	Qualcomm	Msm8953 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8953 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	Qm215	-	All	All	All
Hardware  	Qualcomm	Qm215	-	All	All	All
Operating System	Qualcomm	Qm215 Firmware	-	All	All	All
Operating System	Qualcomm	Qm215 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	Sdm429	-	All	All	All
Hardware  	Qualcomm	Sdm429	-	All	All	All
Operating System	Qualcomm	Sdm429 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm429 Firmware	-	All	All	All
Hardware  	Qualcomm	Sdm439	-	All	All	All
Hardware  	Qualcomm	Sdm439	-	All	All	All
Operating System	Qualcomm	Sdm439 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm439 Firmware	-	All	All	All
Hardware  	Qualcomm	Sdm450	-	All	All	All
Hardware  	Qualcomm	Sdm450	-	All	All	All
Operating System	Qualcomm	Sdm450 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm450 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	Sdm632	-	All	All	All

Hardware		Sdm632	-	All	All	All
Operating System	Qualcomm	Sdm632 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm632 Firmware	-	All	All	All
Hardware		Sdm636	-	All	All	All
Hardware		Sdm636	-	All	All	All
Operating System	Qualcomm	Sdm636 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm636 Firmware	-	All	All	All
Hardware		Sdm660	-	All	All	All
Hardware		Sdm660	-	All	All	All
Operating System	Qualcomm	Sdm660 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm660 Firmware	-	All	All	All
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: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:mdm9206:-:~::~:						
cpe:2.3:h:qualcomm:mdm9206:-:~::~:						
cpe:2.3:o:qualcomm:mdm9206_firmware:-:~::~:						
cpe:2.3:o:qualcomm:mdm9206_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:msm8917:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:msm8917:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:msm8917_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:msm8917_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:msm8920:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:msm8920:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:msm8920_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:msm8920_firmware:-:*:*:*:*:*.*
```

```
cpe:2.3:h:qualcomm:msm8937:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:msm8937:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:msm8937_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:msm8937_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:msm8940:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:msm8940:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:msm8940_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:msm8940_firmware:-:*:*:*:*:*:*
```

cpe:2.3:h:qualcomm:msm8953:-:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:msm8953:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:msm8953_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:msm8953_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:qm215:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qm215:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qm215_firmware:-:*:*:*:*:*.*
```

```
cpe:2.3:o:qualcomm:qm215 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:sdm429:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sdm429:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdm429 firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm429_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sdm439:-:*:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:sdm439:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm439 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sdm439 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:h:qualcomm:sdm450:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sdm450:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm450 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sdm450 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:sdm632:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sdm632:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm632_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm632 firmware:-:*:*:*:*:*:*
```

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

000-2 2-h:au:aloomm:adm626. *.*,*,*,*,*,*,*.

No vendor comments have been submitted for this CVE

[← Previous ID](#) [Next ID→](#)

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE.report and Source URL Uptime Status status.cve.report