



CVE-2019-2295

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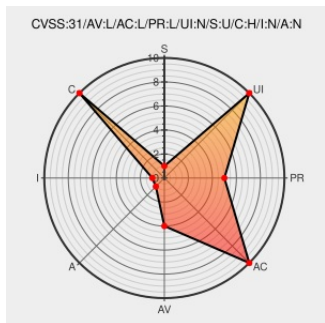
CVE-2019-2295

[Source: Mitre](#)

[Source: NIST](#)

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

Information disclosure due to lack of address range check done on the SysDBG buffers in SDI code. in Snapdragon Auto, Snapdragon Compute, Snapdragon Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wired Infrastructure and Networking in APQ8009,

APQ8017, APQ8053, MDM9205, MSM8905, MSM8909, MSM8917, MSM8920, MSM8937, MSM8940, MSM8953, MSM8998, Nicobar, QCS404, QCS405, QCS605, QM215, SDA660, SDA845, SDM429, SDM439, SDM450, SDM630, SDM632, SDM636, SDM660, SDM670, SDM710, SDM845, SDM850, Snapdragon_High_Med_2016, SXR1130

CVE-2019-2295 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **MEDIUM** 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 APQ8009, APQ8017, APQ8053, MDM9205, MSM8905, MSM8909, MSM8917, MSM8920, MSM8937, MSM8940, MSM8953, MSM8998, Nicobar, QCS404, QCS405, QCS605, QM215, SDA660, SDA845, SDM429, SDM439, SDM450, SDM630, SDM632, SDM636, SDM660, SDM670, SDM710, SDM845, SDM850, Snapdragon_High_Med_2016, SXR1130

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE

Confidentiality Impact	Integrity Impact	Availability Impact				
PARTIAL	NONE	NONE				
CVE References						
Description	Tags	Link				
October Security Bulletin 2019 Qualcomm	Vendor Advisory www.qualcomm.com text/html	CONFIRM www.qualcomm.com/company/product-security/bulletins/october-2019-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	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	Mdm9205	-	All	All	All
Hardware 	Qualcomm	Mdm9205	-	All	All	All
Operating System	Qualcomm	Mdm9205 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9205 Firmware	-	All	All	All

Operating System	Qualcomm	Msm8905 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
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	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	Nicobar	-	All	All	All
Hardware  	Qualcomm	Nicobar	-	All	All	All
Operating System	Qualcomm	Nicobar Firmware	-	All	All	All
Operating System	Qualcomm	Nicobar Firmware	-	All	All	All
Hardware  	Qualcomm	Qcs404	-	All	All	All
Hardware  	Qualcomm	Qcs404	-	All	All	All
Operating System	Qualcomm	Qcs404 Firmware	-	All	All	All
Operating System	Qualcomm	Qcs404 Firmware	-	All	All	All
Hardware  	Qualcomm	Qcs405	-	All	All	All
Hardware  	Qualcomm	Qcs405	-	All	All	All
Operating System	Qualcomm	Qcs405 Firmware	-	All	All	All
Operating System	Qualcomm	Qcs405 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	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	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	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  	Qualcomm	Sdm632	-	All	All	All
Operating System	Qualcomm	Sdm632 Firmware	-	All	All	All

System						
Operating System	Qualcomm	Sdm632 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	Snapdragon High Med 2016	-	All	All	All

Hardware		Snapdragon High Med 2016	-	All	All	All
Operating System	Qualcomm	Snapdragon High Med 2016 Firmware	-	All	All	All
Operating System	Qualcomm	Snapdragon High Med 2016 Firmware	-	All	All	All
Hardware		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: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:mdm9205:-:*~::~:						
cpe:2.3:h:qualcomm:mdm9205:-:*~::~:						
cpe:2.3:o:qualcomm:mdm9205_firmware:-:*~::~:						
cpe:2.3:o:qualcomm:mdm9205_firmware:-:*~::~:						
cpe:2.3:h:qualcomm:msm8905:-:*~::~:						
cpe:2.3:h:qualcomm:msm8905:-:*~::~:						
cpe:2.3:o:qualcomm:msm8905_firmware:-:*~::~:						
cpe:2.3:o:qualcomm:msm8905_firmware:-:*~::~:						
cpe:2.3:h:qualcomm:msm8909:-:*~::~:						

cpe:2.3:h:qualcomm:msm8909:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:msm8909_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:msm8909_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:nicobar:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:nicobar:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:nicobar_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:nicobar_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:qcs404:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:qcs404:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:qcs404_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:qcs404_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:qcs405:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:qcs405:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:qcs405_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:qcs405_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: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: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: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:-:*****:
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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:snapdragon_high_med_2016:-:*****:
cpe:2.3:h:qualcomm:snapdragon_high_med_2016:-:*****:
cpe:2.3:o:qualcomm:snapdragon_high_med_2016_firmware:-:*****:
cpe:2.3:o:qualcomm:snapdragon_high_med_2016_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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