



CVE-2018-11936

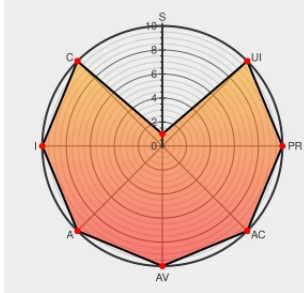
Published on: 05/24/2019 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:17 PM UTC

CVE-2018-11936

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

CVSS:30/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Mdm9206](#) from [Qualcomm](#) contain the following vulnerability:

Index of array is processed in a wrong way inside a while loop and result in invalid index (-1 or something else) leads to out of bound memory access. in Snapdragon Auto, Snapdragon Connectivity, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile,

Snapdragon Voice & Music, Snapdragon Wired Infrastructure and Networking in MDM9206, MDM9607, MDM9640, MDM9650, MSM8996AU, QCA6174A, QCA6574, QCA6574AU, QCA6584, QCA6584AU, QCA9377, QCA9379, QCA9886, SD 210/SD 212/SD 205, SD 425, SD 427, SD 430, SD 435, SD 450, SD 625, SD 820, SD 820A, SD 835, SDX20, SDX24, Snapdragon_High_Med_2016

CVE-2018-11936 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 Connectivity, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wired Infrastructure and Networking** version **MDM9206, MDM9607, MDM9640, MDM9650, MSM8996AU, QCA6174A, QCA6574, QCA6574AU, QCA6584, QCA6584AU, QCA9377, QCA9379, QCA9886, SD 210/SD 212/SD 205, SD 425, SD 427, SD 430, SD 435, SD 450, SD 625, SD 820, SD 820A, SD 835, SDX20, SDX24, Snapdragon_High_Med_2016**

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
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NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Bulletins Qualcomm	Vendor Advisory www.qualcomm.com text/html	CONFIRM www.qualcomm.com/company/product-security/bulletins#_CVE-2018-11936

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	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	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	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	Qca6174a	-	All	All	All
Hardware 	Qualcomm	Qca6174a	-	All	All	All
Operating System	Qualcomm	Qca6174a Firmware	-	All	All	All
Operating System	Qualcomm	Qca6174a Firmware	-	All	All	All
Hardware 	Qualcomm	Qca6574	-	All	All	All
Hardware 	Qualcomm	Qca6574	-	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
Operating System	Qualcomm	Qca6574 Firmware	-	All	All	All
Operating System	Qualcomm	Qca6574 Firmware	-	All	All	All
Hardware 	Qualcomm	Qca6584	-	All	All	All
Hardware 	Qualcomm	Qca6584	-	All	All	All
Hardware 	Qualcomm	Qca6584au	-	All	All	All
Hardware 	Qualcomm	Qca6584au	-	All	All	All
Operating System	Qualcomm	Qca6584au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6584au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6584 Firmware	-	All	All	All
Operating System	Qualcomm	Qca6584 Firmware	-	All	All	All
Hardware 	Qualcomm	Qca9377	-	All	All	All

Hardware  	Qualcomm	Qca9377	-	All	All	All
Operating System	Qualcomm	Qca9377 Firmware	-	All	All	All
Operating System	Qualcomm	Qca9377 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca9379	-	All	All	All
Hardware  	Qualcomm	Qca9379	-	All	All	All
Operating System	Qualcomm	Qca9379 Firmware	-	All	All	All
Operating System	Qualcomm	Qca9379 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	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	Sd 205	-	All	All	All
Hardware  	Qualcomm	Sd 205	-	All	All	All
Operating System	Qualcomm	Sd 205 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 205 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 210	-	All	All	All
Hardware  	Qualcomm	Sd 210	-	All	All	All
Operating System	Qualcomm	Sd 210 Firmware	-	All	All	All
Operating	Qualcomm	Sd 210 Firmware	-	All	All	All

System							
Hardware  	Qualcomm	Sd 212	-	All	All	All	
Hardware  	Qualcomm	Sd 212	-	All	All	All	
Operating System	Qualcomm	Sd 212 Firmware	-	All	All	All	
Operating System	Qualcomm	Sd 212 Firmware	-	All	All	All	
Hardware  	Qualcomm	Sd 425	-	All	All	All	
Hardware  	Qualcomm	Sd 425	-	All	All	All	
Operating System	Qualcomm	Sd 425 Firmware	-	All	All	All	
Operating System	Qualcomm	Sd 425 Firmware	-	All	All	All	
Hardware  	Qualcomm	Sd 427	-	All	All	All	
Hardware  	Qualcomm	Sd 427	-	All	All	All	
Operating System	Qualcomm	Sd 427 Firmware	-	All	All	All	
Operating System	Qualcomm	Sd 427 Firmware	-	All	All	All	
Hardware  	Qualcomm	Sd 430	-	All	All	All	
Hardware  	Qualcomm	Sd 430	-	All	All	All	
Operating System	Qualcomm	Sd 430 Firmware	-	All	All	All	
Operating System	Qualcomm	Sd 430 Firmware	-	All	All	All	
Hardware  	Qualcomm	Sd 435	-	All	All	All	
Hardware  	Qualcomm	Sd 435	-	All	All	All	
Operating System	Qualcomm	Sd 435 Firmware	-	All	All	All	
Operating System	Qualcomm	Sd 435 Firmware	-	All	All	All	
Hardware  	Qualcomm	Sd 450	-	All	All	All	
Hardware  	Qualcomm	Sd 450	-	All	All	All	
Operating System	Qualcomm	Sd 450 Firmware	-	All	All	All	
Operating System	Qualcomm	Sd 450 Firmware	-	All	All	All	
Hardware  	Qualcomm	Sd 625	-	All	All	All	
Hardware  	Qualcomm	Sd 625	-	All	All	All	

Operating System	Qualcomm	Sd 625 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 625 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 820	-	All	All	All
Hardware	Qualcomm	Sd 820	-	All	All	All
Hardware	Qualcomm	Sd 820a	-	All	All	All
Hardware	Qualcomm	Sd 820a	-	All	All	All
Operating System	Qualcomm	Sd 820a Firmware	-	All	All	All
Operating System	Qualcomm	Sd 820a Firmware	-	All	All	All
Operating System	Qualcomm	Sd 820 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 820 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 835	-	All	All	All
Hardware	Qualcomm	Sd 835	-	All	All	All
Operating System	Qualcomm	Sd 835 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 835 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon High Med 2016	-	All	All	All
Hardware	Qualcomm	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
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:mdm9640:-:~::~~::~::~::~::~:::						

cpe:2.3:h:qualcomm:mdm9640:-:*:*:*:*:*:*:

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cpe:2.3:o:qualcomm:mdm9640_firmware:-:*:*:*:*:*:*
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cpe:2.3:o:qualcomm:mdm9640_firmware:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:mdm9650:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:mdm9650:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:mdm9650_firmware:-:*:*:*:*:*:*:
```

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cpe:2.3:o:qualcomm:mdm9650_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:msm8996au:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:msm8996au:-:*:*:*:*:*:
```

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cpe:2.3:o:qualcomm:msm8996au firmware:-:*:*:*:*:*:
```

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cpe:2.3:o:qualcomm:msm8996au_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:gca6174a:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:gca6174a:-:*:*:*:*:*:

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cpe:2.3:o:qualcomm:gca6174a_firmware:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:qca6174a_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qca6574:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca6574:-:*:*:*:*:*:*:

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:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:gca6574_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:gca6574_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:gca6584:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca6584:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca6584au:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca6584au:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qca6584au_firmware:-:*:*:*:*:*
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cpe:2.3:o:qualcomm:qca6584au_firmware:-:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:gca6584_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:qca6584_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:qca9377:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca9377:-:*:*:*:*:*:*:

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cpe:2.3:o:qualcomm:qca9377_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:qca9377_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:qca9379:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca9379:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:gca9379_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:gca9379_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:qca9886:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qca9886:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qca9886_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qca9886_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:sd_205:-:*:*:*:*:*:*:

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cpe:2.3:h:qualcomm:sd_205:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd_205_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd_205_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sd_210:-:*:*:*:*:*:*:
```

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cpe:2.3:h:qualcomm:sd_210:-:*:*:*:*:*:*:
```


cpe:2.3:o:qualcomm:sd_210_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_210_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_212:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_212:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_212_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_212_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_425:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_425:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_425_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_425_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_427:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_427:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_427_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_427_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_430:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_430:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_430_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_430_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_435:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_435:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_435_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_435_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_450:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_450:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_450_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_450_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_625:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_625:-:~::~~::~~::~~::~~::~~::~~:::

cpe:2.3:o:qualcomm:sd_625_firmware:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:o:qualcomm:sd_625_firmware:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:h:qualcomm:sd_820:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:h:qualcomm:sd_820:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:h:qualcomm:sd_820a:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:h:qualcomm:sd_820a:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:o:qualcomm:sd_820a_firmware:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:o:qualcomm:sd_820a_firmware:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:o:qualcomm:sd_820_firmware:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:o:qualcomm:sd_820_firmware:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:h:qualcomm:sd_835:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:h:qualcomm:sd_835:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:o:qualcomm:sd_835_firmware:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:o:qualcomm:sd_835_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:-:~::~~::~~::~~::~~::~~::~~::

No vendor comments have been submitted for this CVE

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