



CVE-2018-11866

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CVE-2018-11866

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

Certain versions of [lpq8074](#) from [Qualcomm](#) contain the following vulnerability:

Integer overflow may happen in WLAN when calculating an internal structure size due to lack of validation of the input length in Snapdragon Mobile, Snapdragon Wear in version IPQ8074, MDM9206, MDM9607, MDM9650, SD 210/SD 212/SD 205, SD 425, SD 427, SD 430, SD 435, SD 450, SD 625, SD 835, SD 845, SD 850, SDA660, SDM429, SDM439, SDM630, SDM632, SDM636, SDM660, SDM710, Snapdragon_High_Med_2016.

CVE-2018-11866 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 Mobile, Snapdragon Wear version IPQ8074, MDM9206, MDM9607, MDM9650, SD 210/SD 212/SD 205, SD 425, SD 427, SD 430, SD 435, SD 450, SD 625, SD 835, SD 845, SD 850, SDA660, SDM429, SDM439, SDM630, SDM632, SDM636, SDM660, SDM710, Snapdragon_High_Med_2016

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
Bulletins Qualcomm	Vendor Advisory www.qualcomm.com text/html	 CONFIRM www.qualcomm.com/company/product-security/bulletins

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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	lpq8074	-	All	All	All
Hardware 	Qualcomm	lpq8074	-	All	All	All
Operating System	Qualcomm	lpq8074 Firmware	-	All	All	All
Operating System	Qualcomm	lpq8074 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	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	Sda660	-	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	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
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

System							
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	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 System	Qualcomm	Sd 210 Firmware	-	All	All	All	
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
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 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	Sd 845	-	All	All	All
Hardware  	Qualcomm	Sd 845	-	All	All	All
Operating System	Qualcomm	Sd 845 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 845 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 850	-	All	All	All
Hardware  	Qualcomm	Sd 850	-	All	All	All
Operating System	Qualcomm	Sd 850 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 850 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:ipq8074:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:ipq8074:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:ipq8074_firmware:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:ipq8074_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:mdm9650:-:*:*:*:*::~:						
cpe:2.3:h:qualcomm:mdm9650:-:*:*:*:*::~:						
cpe:2.3:o:qualcomm:mdm9650_firmware:-:*:*:*:*::~:						
cpe:2.3:o:qualcomm:mdm9650_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: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:-:*:*:*:*:*:*:
```

```
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: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:sd 205:-:*:*:*:*:*:*:
```

```
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:-:*:*:*:*:*:*:

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:h:qualcomm:sd_625:-:*~::~
cpe:2.3:o:qualcomm:sd_625_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:sd_845:-:*~::~
cpe:2.3:h:qualcomm:sd_845:-:*~::~
cpe:2.3:o:qualcomm:sd_845_firmware:-:*~::~
cpe:2.3:o:qualcomm:sd_845_firmware:-:*~::~
cpe:2.3:h:qualcomm:sd_850:-:*~::~
cpe:2.3:h:qualcomm:sd_850:-:*~::~
cpe:2.3:o:qualcomm:sd_850_firmware:-:*~::~
cpe:2.3:o:qualcomm:sd_850_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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