

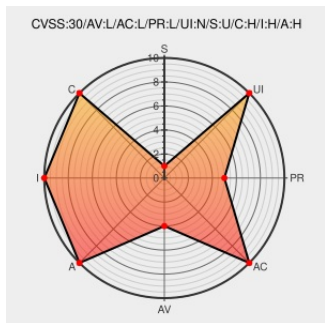


CVE-2018-13918

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CVE-2018-13918

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

Certain versions of [Mdm9150](#) from [Qualcomm](#) contain the following vulnerability:

kernel could return a received message length higher than expected, which leads to buffer overflow in a subsequent operation and stops normal operation in Snapdragon Auto, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Wearables, in MDM9150, MDM9206, MDM9607, MDM9650,

MSM8909W, QCS605, Qualcomm 215, SD 425, SD 439 / SD 429, SD 450, SD 625, SD 632, SD 675, SD 712 / SD 710 / SD 670, SD 820A, SD 835, SD 845 / SD 850, SD 855, SDM439, SDX24, SM7150

CVE-2018-13918 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 Auto, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Wearables**, version **MDM9150, MDM9206, MDM9607, MDM9650, MSM8909W, QCS605, Qualcomm 215, SD 425, SD 439 / SD 429, SD 450, SD 625, SD 632, SD 675, SD 712 / SD 710 / SD 670, SD 820A, SD 835, SD 845 / SD 850, SD 855, SDM439, SDX24, SM7150**

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	Q 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	Mdm9150	-	All	All	All
Hardware 	Qualcomm	Mdm9150	-	All	All	All
Operating System	Qualcomm	Mdm9150 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9150 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	Msm8909w	-	All	All	All
Hardware  	Qualcomm	Msm8909w	-	All	All	All
Operating System	Qualcomm	Msm8909w Firmware	-	All	All	All
Operating System	Qualcomm	Msm8909w 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	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	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 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 429	-	All	All	All
Hardware  	Qualcomm	Sd 429	-	All	All	All
Operating System	Qualcomm	Sd 429 Firmware	-	All	All	All

Operating System	Qualcomm	Sd 429 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 439	-	All	All	All
Hardware  	Qualcomm	Sd 439	-	All	All	All
Operating System	Qualcomm	Sd 439 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 439 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 632	-	All	All	All
Hardware  	Qualcomm	Sd 632	-	All	All	All
Operating System	Qualcomm	Sd 632 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 632 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 670	-	All	All	All
Hardware  	Qualcomm	Sd 670	-	All	All	All
Operating System	Qualcomm	Sd 670 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 670 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 675	-	All	All	All
Hardware  	Qualcomm	Sd 675	-	All	All	All
Operating System	Qualcomm	Sd 675 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 675 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 710	-	All	All	All

Hardware  	Qualcomm	Sd 710	-	All	All	All
Operating System	Qualcomm	Sd 710 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 710 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 712	-	All	All	All
Hardware  	Qualcomm	Sd 712	-	All	All	All
Operating System	Qualcomm	Sd 712 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 712 Firmware	-	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
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	Sd 855	-	All	All	All
Hardware  	Qualcomm	Sd 855	-	All	All	All
Operating System	Qualcomm	Sd 855 Firmware	-	All	All	All
Operating	Qualcomm	Sd 855 Firmware	-	All	All	All

System						
Hardware		Qualcomm	Sm7150	-	All	All
Hardware		Qualcomm	Sm7150	-	All	All
Operating System		Qualcomm	Sm7150 Firmware	-	All	All
Operating System		Qualcomm	Sm7150 Firmware	-	All	All
<code>cpe:2.3:h:qualcomm:mdm9150:-:~::~:</code>						
<code>cpe:2.3:h:qualcomm:mdm9150:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:mdm9150_firmware:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:mdm9150_firmware:-:~::~:</code>						
<code>cpe:2.3:h:qualcomm:mdm9206:-:~::~:</code>						
<code>cpe:2.3:h:qualcomm:mdm9206:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:mdm9206_firmware:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:mdm9206_firmware:-:~::~:</code>						
<code>cpe:2.3:h:qualcomm:mdm9607:-:~::~:</code>						
<code>cpe:2.3:h:qualcomm:mdm9607:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:mdm9607_firmware:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:mdm9607_firmware:-:~::~:</code>						
<code>cpe:2.3:h:qualcomm:mdm9650:-:~::~:</code>						
<code>cpe:2.3:h:qualcomm:mdm9650:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:mdm9650_firmware:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:mdm9650_firmware:-:~::~:</code>						
<code>cpe:2.3:h:qualcomm:msm8909w:-:~::~:</code>						
<code>cpe:2.3:h:qualcomm:msm8909w:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:msm8909w_firmware:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:msm8909w_firmware:-:~::~:</code>						
<code>cpe:2.3:h:qualcomm:qcs605:-:~::~:</code>						
<code>cpe:2.3:h:qualcomm:qcs605:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:qcs605_firmware:-:~::~:</code>						
<code>cpe:2.3:o:qualcomm:qcs605_firmware:-:~::~:</code>						

```

0p0.2.0.0.q0a1001111.q03000_111111110. . . . .

```

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: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:sdx24:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdx24:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdx24 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sdx24_firmware:-:*:*:*:*:*:*
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```
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:-:*:*:*:*:*:*:
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```
cpe:2.3:h:qualcomm:sd_429:-:*:*:*:*:*:
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```
cpe:2.3:h:qualcomm:sd_429:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd 429 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sd 429 firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sd_439:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sd_439:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd_439_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd 439 firmware:-:*:*:*:*:*:*
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cpe:2.3:h:qualcomm:sd 450:-:*:*:*:*:*:
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```
cpe:2.3:h:qualcomm:sd 450:-:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:sd_450_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd 450 firmware:-:*:*:*:*:*:*
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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 632:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sd 632:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd_632_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd 632 firmware:-:*:*:*:*:*:*:
```

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cpe:2.3:h:qualcomm:sd 670:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sd_670:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sd_670_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd_670_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sd 675:-:*:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:sd 675:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd_675_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sd_675_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sd_710:-:*:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:sd_710:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd 710 firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd 710 firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sd_712:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sd_712:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sd 712 firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd 712 firmware:-:*:*:*:*:*:*:
```

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: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:sd_855:-:*~::~
cpe:2.3:h:qualcomm:sd_855:-:*~::~
cpe:2.3:o:qualcomm:sd_855_firmware:-:*~::~
cpe:2.3:o:qualcomm:sd_855_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:-:*~::~

No vendor comments have been submitted for this CVE

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Next ID→

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