



CVE-2017-18274

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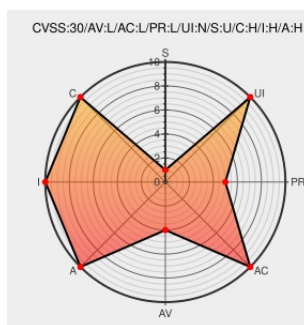
CVE-2017-18274

[Source: Mitre](#)

[Source: NIST](#)

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

While iterating through the models contained in a fixed-size array in the actData structure, which also stores an incorrect number of models that is greater than the size of the array, a buffer overflow occurs in Snapdragon Automobile, Snapdragon Mobile, Snapdragon Wear in MDM9206, MDM9607, MDM9650, SD 210/SD 212/SD 205, SD 425, SD 430, SD 450, SD 617, SD 625, SD 650/52, SD 820, SD 820A, SD 835

CVE-2017-18274 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **HIGH** severity.

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	Q MISC 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	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	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

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 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 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 617	-	All	All	All
Hardware  	Qualcomm	Sd 617	-	All	All	All
Operating System	Qualcomm	Sd 617 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 617 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 650	-	All	All	All
Hardware  	Qualcomm	Sd 650	-	All	All	All
Operating System	Qualcomm	Sd 650 Firmware	-	All	All	All

Operating System	Qualcomm	Sd 650 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 650 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 652	-	All	All	All
Hardware  	Qualcomm	Sd 652	-	All	All	All
Operating System	Qualcomm	Sd 652 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 652 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
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: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_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_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_617:-:*:*:*:*:*:

...00.b.a.c.l.e.m.m.e.d 047. .*.~*.~*.~*.*.

cpe:2.3:n:qualcomm:sd_617:-:*****:
cpe:2.3:o:qualcomm:sd_617_firmware:-:*****:
cpe:2.3:o:qualcomm:sd_617_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_650:-:*****:
cpe:2.3:h:qualcomm:sd_650:-:*****:
cpe:2.3:o:qualcomm:sd_650_firmware:-:*****:
cpe:2.3:o:qualcomm:sd_650_firmware:-:*****:
cpe:2.3:h:qualcomm:sd_652:-:*****:
cpe:2.3:h:qualcomm:sd_652:-:*****:
cpe:2.3:o:qualcomm:sd_652_firmware:-:*****:
cpe:2.3:o:qualcomm:sd_652_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:-:*****:

No vendor comments have been submitted for this CVE

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