



CVE-2017-18277

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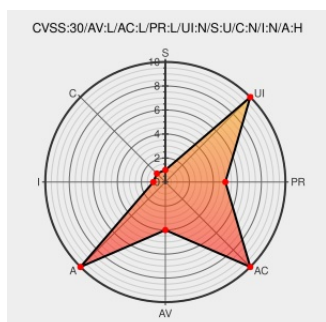
CVE-2017-18277

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

When dynamic memory allocation fails, currently the process sleeps for one second and continues with infinite loop without retrying for memory allocation in Snapdragon Automobile, Snapdragon Mobile, Snapdragon Wear in version MDM9206, MDM9607, MDM9640, MDM9650, MSM8909W, QCN5502, SD 210/SD 212/SD 205, SD 425, SD 430, SD 450, SD 600, SD 615/16/SD 415, SD 625, SD 650/52, SD 810, SD 820, SD 820A, SD 835.

CVE-2017-18277 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 Automobile, Snapdragon Mobile, Snapdragon Wear version MDM9206, MDM9607, MDM9640, MDM9650, MSM8909W, QCN5502, SD 210/SD 212/SD 205, SD 425, SD 430, SD 450, SD 600, SD 615/16/SD 415, SD 625, SD 650/52, SD 810, SD 820, SD 820A, SD 835

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	NONE	NONE	HIGH

CVSS2 Score: **4.9 - MEDIUM**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	COMPLETE

CVE References

Description	Tags	Link				
Android Security Bulletin—July 2018 Android Open Source Project	Third Party Advisory source.android.com text/html	 CONFIRM source.android.com/security/bulletin/2018-07-01#qualcomm-closed-source-components				
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	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	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	Qcn5502	-	All	All	All
Hardware  	Qualcomm	Qcn5502	-	All	All	All
Operating System	Qualcomm	Qcn5502 Firmware	-	All	All	All
Operating System	Qualcomm	Qcn5502 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 415	-	All	All	All
Hardware  	Qualcomm	Sd 415	-	All	All	All
Operating System	Qualcomm	Sd 415 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 415 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 600	-	All	All	All
Hardware  	Qualcomm	Sd 600	-	All	All	All
Operating System	Qualcomm	Sd 600 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 600 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 615	-	All	All	All
Hardware  	Qualcomm	Sd 615	-	All	All	All
Operating System	Qualcomm	Sd 615 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 615 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 616	-	All	All	All
Hardware  	Qualcomm	Sd 616	-	All	All	All
Operating System	Qualcomm	Sd 616 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 616 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
Operating System	Qualcomm	Sd 650 Firmware	-	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
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 810	-	All	All	All
Hardware		Qualcomm	Sd 810	-	All	All	All
Operating System		Qualcomm	Sd 810 Firmware	-	All	All	All
Operating System		Qualcomm	Sd 810 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:mdm9640:-:*:*:*:*:*:*:

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

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

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

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

cpe:2.3:h:qualcomm:msm8909w:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:msm8909w:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:msm8909w_firmware:-:*:*:*:*:*:*
```

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cpe:2.3:o:qualcomm:msm8909w_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:qcn5502:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:qcn5502:-:*:*:*:*:*:*

```
cpe:2.3:o:qualcomm:qcn5502_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qcn5502_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:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sd_205_firmware:-:*:*:*:*:*:*:
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```
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:-:*:*:*:*:*:*:
```

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cpe:2.3:h:qualcomm:sd_415:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sd_415:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd_415_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd_415_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_600:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sd_600:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd_600_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd_600_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sd_615:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sd_615:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sd_615_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sd_615_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sd_616:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sd_616:-:*****.*.*:
cpe:2.3:o:qualcomm:sd_616_firmware:-:*****.*.*:
cpe:2.3:o:qualcomm:sd_616_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_810:-:*****.*.*:
cpe:2.3:h:qualcomm:sd_810:-:*****.*.*:
cpe:2.3:o:qualcomm:sd_810_firmware:-:*****.*.*:
cpe:2.3:o:qualcomm:sd_810_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: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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