



CVE-2018-12013

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

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

CVE-2018-12013

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

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

Improper authentication in locked memory region can lead to unprivileged access to the memory in Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wearables in

MDM9206, MDM9607, MDM9650, MDM9655, QCS605, SD 210/SD 212/SD 205, SD 410/12, SD 615/16/SD 415, SD 636, SD 712 / SD 710 / SD 670, SD 835, SD 845 / SD 850, SD 8CX, SDA660, SDM630, SDM660, SXR1130

CVE-2018-12013 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 Compute, Snapdragon Consumer Electronics Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wearables version MDM9206, MDM9607, MDM9650, MDM9655, QCS605, SD 210/SD 212/SD 205, SD 410/12, SD 615/16/SD 415, SD 636, SD 712 / SD 710 / SD 670, SD 835, SD 845 / SD 850, SD 8CX, SDA660, SDM630, SDM660, SXR1130

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

Qualcomm Security Advisories | Product Security Bulletins | Qualcomm

Vendor Advisory
www.qualcomm.com
text/html

 CONFIRM www.qualcomm.com/company/product-security/bulletins#_CVE-2018-12013

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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	Mdm9655	-	All	All	All
Hardware 	Qualcomm	Mdm9655	-	All	All	All
Operating System	Qualcomm	Mdm9655 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9655 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	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	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	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
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 410	-	All	All	All
Hardware  	Qualcomm	Sd 410	-	All	All	All
Operating System	Qualcomm	Sd 410 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 410 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 412	-	All	All	All
Hardware  	Qualcomm	Sd 412	-	All	All	All
Operating System	Qualcomm	Sd 412 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 412 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 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 636	-	All	All	All
Hardware  	Qualcomm	Sd 636	-	All	All	All
Operating System	Qualcomm	Sd 636 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 636 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 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 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 8cx	-	All	All	All
Hardware  	Qualcomm	Sd 8cx	-	All	All	All
Operating System	Qualcomm	Sd 8cx Firmware	-	All	All	All
Operating	Qualcomm	Sd 8cx Firmware	-	All	All	All

System						
Hardware		Qualcomm	Sxr1130	-	All	All
Hardware		Qualcomm	Sxr1130	-	All	All
Operating System		Qualcomm	Sxr1130 Firmware	-	All	All
Operating System		Qualcomm	Sxr1130 Firmware	-	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:mdm9655:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:qualcomm:mdm9655:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:qualcomm:mdm9655_firmware:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:qualcomm:mdm9655_firmware:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:qualcomm:qcs605:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:qualcomm:qcs605:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:qualcomm:qcs605_firmware:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:qualcomm:qcs605_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:o:qualcomm:sda000_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: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: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_410:-:~::~:
cpe:2.3:h:qualcomm:sd_410:-:~::~:
cpe:2.3:o:qualcomm:sd_410_firmware:-:~::~:
cpe:2.3:o:qualcomm:sd_410_firmware:-:~::~:
cpe:2.3:h:qualcomm:sd_412:-:~::~:
cpe:2.3:h:qualcomm:sd_412:-:~::~:
cpe:2.3:o:qualcomm:sd_412_firmware:-:~::~:
cpe:2.3:o:qualcomm:sd_412_firmware:-:~::~:

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

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

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cpe:2.3:o:qualcomm:sd_415_firmware:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sd_415_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:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sd_616:-:*:*:*:*:*:*:

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

```
cpe:2.3:o:qualcomm:sd_616_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sd_616_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sd_636:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sd_636:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sd_636_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sd_636_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sd_670:-:*:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:sd_670:-:*:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:sd_670_firmware:-:*:*:*:*:*:*:
```

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cpe:2.3:o:qualcomm:sd_670_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_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_8cx:-:*****:
cpe:2.3:h:qualcomm:sd_8cx:-:*****:
cpe:2.3:o:qualcomm:sd_8cx_firmware:-:*****:
cpe:2.3:o:qualcomm:sd_8cx_firmware:-:*****:
cpe:2.3:h:qualcomm:sxr1130:-:*****:
cpe:2.3:h:qualcomm:sxr1130:-:*****:
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*****:
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*****:

No vendor comments have been submitted for this CVE

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