



CVE-2019-14030

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CVE-2019-14030

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

Certain versions of [Mdm9205](#) from [Qualcomm](#) contain the following vulnerability:

The size of a buffer is determined by addition and multiplications operations that have the potential to overflow due to lack of bound check in Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Wired Infrastructure and Networking in MDM9205,

QCS404, Rennell, SC8180X, SDM845, SDM850, SDX55, SM6150, SM7150, SM8150, SM8250, SXR2130

CVE-2019-14030 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 IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Wired Infrastructure and Networking version MDM9205, QCS404, Rennell, SC8180X, SDM845, SDM850, SDX55, SM6150, SM7150, SM8150, SM8250, SXR2130

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
March 2020 Security Bulletin Qualcomm	Vendor Advisory www.qualcomm.com text/html	Q CONFIRM www.qualcomm.com/company/product-security/bulletins/march-2020-bulletin

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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	Mdm9205	-	All	All	All
Hardware 	Qualcomm	Mdm9205	-	All	All	All
Operating System	Qualcomm	Mdm9205 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9205 Firmware	-	All	All	All
Hardware 	Qualcomm	Qcs404	-	All	All	All
Hardware 	Qualcomm	Qcs404	-	All	All	All
Operating System	Qualcomm	Qcs404 Firmware	-	All	All	All
Operating System	Qualcomm	Qcs404 Firmware	-	All	All	All
Hardware 	Qualcomm	Rennell	-	All	All	All
Hardware 	Qualcomm	Rennell	-	All	All	All
Operating System	Qualcomm	Rennell Firmware	-	All	All	All
Operating System	Qualcomm	Rennell Firmware	-	All	All	All
Hardware 	Qualcomm	Sc8180x	-	All	All	All
Hardware 	Qualcomm	Sc8180x	-	All	All	All
Operating System	Qualcomm	Sc8180x Firmware	-	All	All	All
Operating System	Qualcomm	Sc8180x Firmware	-	All	All	All
Hardware 	Qualcomm	Sdm845	-	All	All	All
Hardware 	Qualcomm	Sdm845	-	All	All	All

Hardware  	Qualcomm	Sdm845	-	All	All	All
Operating System	Qualcomm	Sdm845 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm845 Firmware	-	All	All	All
Hardware  	Qualcomm	Sdm850	-	All	All	All
Hardware  	Qualcomm	Sdm850	-	All	All	All
Operating System	Qualcomm	Sdm850 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm850 Firmware	-	All	All	All
Hardware  	Qualcomm	Sdx55	-	All	All	All
Hardware  	Qualcomm	Sdx55	-	All	All	All
Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All
Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All
Hardware  	Qualcomm	Sm6150	-	All	All	All
Hardware  	Qualcomm	Sm6150	-	All	All	All
Operating System	Qualcomm	Sm6150 Firmware	-	All	All	All
Operating System	Qualcomm	Sm6150 Firmware	-	All	All	All
Hardware  	Qualcomm	Sm7150	-	All	All	All
Hardware  	Qualcomm	Sm7150	-	All	All	All
Operating System	Qualcomm	Sm7150 Firmware	-	All	All	All
Operating System	Qualcomm	Sm7150 Firmware	-	All	All	All
Hardware  	Qualcomm	Sm8150	-	All	All	All
Hardware  	Qualcomm	Sm8150	-	All	All	All
Operating System	Qualcomm	Sm8150 Firmware	-	All	All	All
Operating System	Qualcomm	Sm8150 Firmware	-	All	All	All
Hardware  	Qualcomm	Sm8250	-	All	All	All
Hardware  	Qualcomm	Sm8250	-	All	All	All
Operating System	Qualcomm	Sm8250 Firmware	-	All	All	All
Operating System	Qualcomm	Sm8250 Firmware	-	All	All	All

System

Hardware		Sxr2130	-	All	All	All
Hardware		Sxr2130	-	All	All	All
Operating System	Qualcomm	Sxr2130 Firmware	-	All	All	All
Operating System	Qualcomm	Sxr2130 Firmware	-	All	All	All
cpe:2.3:h:qualcomm:mdm9205:-:~::~:						
cpe:2.3:h:qualcomm:mdm9205:-:~::~:						
cpe:2.3:o:qualcomm:mdm9205_firmware:-:~::~:						
cpe:2.3:o:qualcomm:mdm9205_firmware:-:~::~:						
cpe:2.3:h:qualcomm:qcs404:-:~::~:						
cpe:2.3:h:qualcomm:qcs404:-:~::~:						
cpe:2.3:o:qualcomm:qcs404_firmware:-:~::~:						
cpe:2.3:o:qualcomm:qcs404_firmware:-:~::~:						
cpe:2.3:h:qualcomm:rennell:-:~::~:						
cpe:2.3:h:qualcomm:rennell:-:~::~:						
cpe:2.3:o:qualcomm:rennell_firmware:-:~::~:						
cpe:2.3:o:qualcomm:rennell_firmware:-:~::~:						
cpe:2.3:h:qualcomm:sc8180x:-:~::~:						
cpe:2.3:h:qualcomm:sc8180x:-:~::~:						
cpe:2.3:o:qualcomm:sc8180x_firmware:-:~::~:						
cpe:2.3:o:qualcomm:sc8180x_firmware:-:~::~:						
cpe:2.3:h:qualcomm:sdm845:-:~::~:						
cpe:2.3:h:qualcomm:sdm845:-:~::~:						
cpe:2.3:o:qualcomm:sdm845_firmware:-:~::~:						
cpe:2.3:o:qualcomm:sdm845_firmware:-:~::~:						
cpe:2.3:h:qualcomm:sdm850:-:~::~:						
cpe:2.3:h:qualcomm:sdm850:-:~::~:						
cpe:2.3:o:qualcomm:sdm850_firmware:-:~::~:						
cpe:2.3:o:qualcomm:sdm850_firmware:-:~::~:						

cpe:2.3:h:qualcomm:sdx55:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdx55:-:*:*:*:*:*:*:

cpe:2.3:o:qualcomm:sdx55_firmware:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdx55_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sm6150:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:sm6150:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm6150_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sm6150_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:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:sm8150:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sm8150_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sm8150_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sm8250:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sm8250:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sm8250 firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sm8250 firmware:-:*:*:*:*:*:*
```

cpe:2.3:h:qualcomm:sxr2130:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sxr2130:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sxr2130_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sxr2130 firmware:-:*:*:*:*:*:*
```

No vendor comments have been submitted for this CVE

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