



CVE-2019-14091

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CVE-2019-14091

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

Certain versions of [Mdm9607](#) from [Qualcomm](#) contain the following vulnerability:

Double free issue in NPU due to lack of resource locking mechanism to avoid race condition in Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music in MDM9607, QCS405, Rennell, Saipan, SC8180X, SDX55, SM8150, SM8250, SXR2130

CVE-2019-14091 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 Voice & Music version MDM9607, QCS405, Rennell, Saipan, SC8180X, SDX55, 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: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
June 2020 Security Bulletin Qualcomm	Vendor Advisory www.qualcomm.com text/html	Q MISC www.qualcomm.com/company/product-security/bulletins/june-2020-security-bulletin
Page not found	Broken Link www.qualcomm.com text/html Inactive Link Not Archived	Q CONFIRM www.qualcomm.com/company/product-security/bulletins/june-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	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	Qcs405	-	All	All	All
Hardware 	Qualcomm	Qcs405	-	All	All	All
Operating System	Qualcomm	Qcs405 Firmware	-	All	All	All
Operating System	Qualcomm	Qcs405 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	Saipan	-	All	All	All
Hardware 	Qualcomm	Saipan	-	All	All	All
Operating System	Qualcomm	Saipan Firmware	-	All	All	All
Operating System	Qualcomm	Saipan Firmware	-	All	All	All
Hardware 	Qualcomm	Sc8180x	-	All	All	All

Hardware		Qualcomm	Sc8180x	-	All	All
Operating System		Qualcomm	Sc8180x Firmware	-	All	All
Operating System		Qualcomm	Sc8180x Firmware	-	All	All
Hardware		Qualcomm	Sdx55	-	All	All
Hardware		Qualcomm	Sdx55	-	All	All
Operating System		Qualcomm	Sdx55 Firmware	-	All	All
Operating System		Qualcomm	Sdx55 Firmware	-	All	All
Hardware		Qualcomm	Sm8150	-	All	All
Hardware		Qualcomm	Sm8150	-	All	All
Operating System		Qualcomm	Sm8150 Firmware	-	All	All
Operating System		Qualcomm	Sm8150 Firmware	-	All	All
Hardware		Qualcomm	Sm8250	-	All	All
Hardware		Qualcomm	Sm8250	-	All	All
Operating System		Qualcomm	Sm8250 Firmware	-	All	All
Operating System		Qualcomm	Sm8250 Firmware	-	All	All
Hardware		Qualcomm	Sxr2130	-	All	All
Hardware		Qualcomm	Sxr2130	-	All	All
Operating System		Qualcomm	Sxr2130 Firmware	-	All	All
Operating System		Qualcomm	Sxr2130 Firmware	-	All	All
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:qcs405:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:qcs405:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:qcs405_firmware:-:*:*:*:*:*:						

```
cpe:2.3:o:qualcomm:qcs405_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:saipan:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:saipan:-:*:*:*:*:*:*:

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

```
cpe:2.3:o:qualcomm:saipan_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: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: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

← Previous ID

Next ID→

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