



CVE-2019-10580

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CVE-2019-10580

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

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

When kernel thread unregistered listener, Use after free issue happened as the listener client's private data has been already freed in Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wearables in MDM9607, MSM8909W, Nicobar,

QCM2150, QCS405, QCS605, Saipan, SC8180X, SDM429W, SDX55, SM8150, SM8250, SXR2130

CVE-2019-10580 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, Snapdragon Wearables version MDM9607, MSM8909W, Nicobar, QCM2150, QCS405, QCS605, Saipan, SC8180X, SDM429W, 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
Page not found	Broken Link www.qualcomm.com text/html Inactive Link Not Archived	CONFIRM www.qualcomm.com/company/product-security/bulletins/july-2020-bulletin
July 2020 Security Bulletin	Patch Vendor Advisory www.qualcomm.com text/html	MISC www.qualcomm.com/company/product-security/bulletins/july-2020-security-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	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	Nicobar	-	All	All	All
Hardware 	Qualcomm	Nicobar	-	All	All	All
Operating System	Qualcomm	Nicobar Firmware	-	All	All	All
Operating System	Qualcomm	Nicobar Firmware	-	All	All	All
Hardware 	Qualcomm	Qcm2150	-	All	All	All
Hardware 	Qualcomm	Qcm2150	-	All	All	All
Operating System	Qualcomm	Qcm2150 Firmware	-	All	All	All

Operating System	Qualcomm	Qcm2150 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	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	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	All
Operating System	Qualcomm	Sc8180x Firmware	-	All	All	All
Operating System	Qualcomm	Sc8180x Firmware	-	All	All	All
Hardware  	Qualcomm	Sdm429w	-	All	All	All
Hardware  	Qualcomm	Sdm429w	-	All	All	All
Operating System	Qualcomm	Sdm429w Firmware	-	All	All	All
Operating System	Qualcomm	Sdm429w 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	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
Hardware	Qualcomm	Sxr2130	-	All	All	All
Hardware	Qualcomm	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: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:msm8909w:-:*~::~:						
cpe:2.3:h:qualcomm:msm8909w:-:*~::~:						
cpe:2.3:o:qualcomm:msm8909w_firmware:-:*~::~:						
cpe:2.3:o:qualcomm:msm8909w_firmware:-:*~::~:						
cpe:2.3:h:qualcomm:nicobar:-:*~::~:						
cpe:2.3:h:qualcomm:nicobar:-:*~::~:						
cpe:2.3:o:qualcomm:nicobar_firmware:-:*~::~:						
cpe:2.3:o:qualcomm:nicobar_firmware:-:*~::~:						
cpe:2.3:h:qualcomm:qcm2150:-:*~::~:						
cpe:2.3:h:qualcomm:qcm2150:-:*~::~:						
cpe:2.3:o:qualcomm:qcm2150_firmware:-:*~::~:						
cpe:2.3:o:qualcomm:qcm2150_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: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: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:sdm429w:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdm429w:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdm429w_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm429w_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:-:*:*:*:*:*:

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:-:*:*:*:*:*:

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:-:*:*:*:*:*:

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:-:*:*:*:*:*:

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:-:*:*:*:*:*:

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:-:*:*:*:*:*:

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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