



CVE-2019-10484

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CVE-2019-10484

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

CVSS:31/AV:L/AC:L/PR:L/UI:N/S:U/C:N/I:N/A:H



Certain versions of [Apq8098](#) from [Qualcomm](#) contain the following vulnerability:

Use after free issue occurs when command destructors access dynamically allocated response buffer which is already deallocated during previous command teardown sequence in Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music,

Snapdragon Wearables in APQ8098, MSM8909W, Nicobar, QCS405, QCS605, SDA845, SDM660, SDM670, SDM710, SDM845, SDX24, SM6150, SM7150, SM8150, SM8250, SXR2130

CVE-2019-10484 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 Auto, Snapdragon Compute, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wearables** version **APQ8098, MSM8909W, Nicobar, QCS405, QCS605, SDA845, SDM660, SDM670, SDM710, SDM845, SDX24, SM6150, SM7150, SM8150, SM8250, SXR2130**

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: **2.1 - LOW**

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

NONE

NONE

PARTIAL

CVE References

Description

Tags

Link

November Security Bulletin 2019 | Qualcomm

Vendor Advisory
www.qualcomm.com
text/html

 CONFIRM www.qualcomm.com/company/product-security/bulletins/november-2019-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	Apq8098	-	All	All	All
Hardware 	Qualcomm	Apq8098	-	All	All	All
Operating System	Qualcomm	Apq8098 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8098 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	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	Sda845	-	All	All	All
Hardware  	Qualcomm	Sda845	-	All	All	All
Operating System	Qualcomm	Sda845 Firmware	-	All	All	All
Operating System	Qualcomm	Sda845 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	Sdm670	-	All	All	All
Hardware  	Qualcomm	Sdm670	-	All	All	All
Operating System	Qualcomm	Sdm670 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm670 Firmware	-	All	All	All
Hardware  	Qualcomm	Sdm710	-	All	All	All
Hardware  	Qualcomm	Sdm710	-	All	All	All
Operating System	Qualcomm	Sdm710 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm710 Firmware	-	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	Sdx24	-	All	All	All
Hardware  	Qualcomm	Sdx24	-	All	All	All
Operating System	Qualcomm	Sdx24 Firmware	-	All	All	All

Operating System	Qualcomm	Sdx24 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
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:apq8098:-:*~::~:						
cpe:2.3:h:qualcomm:apq8098:-:*~::~:						
cpe:2.3:o:qualcomm:apq8098_firmware:-:*~::~:						
cpe:2.3:o:qualcomm:apq8098_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: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:sda845:-:*:*:*:*:*:
cpe:2.3:h:qualcomm:sda845:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sda845_firmware:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sda845_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:sdm670:-:*:*:*:*:*:
cpe:2.3:h:qualcomm:sdm670:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sdm670_firmware:-:*:*:*:*:*:
cpe:2.3:o:qualcomm:sdm670_firmware:-:*:*:*:*:*:
cpe:2.3:h:qualcomm:sdm710:-:*:*:*:*:*:
cpe:2.3:h:qualcomm:sdm710:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdm710_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm710_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:sdx24:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdx24:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdx24_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdx24_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:-:*:*:*:*:*:*:
```

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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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