

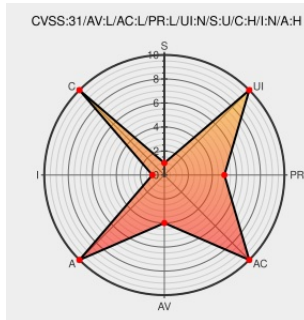


CVE-2019-14043

Published on: 06/02/2020 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:58 PM UTC

CVE-2019-14043

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

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

Out of bound read in Fingerprint application due to requested data is being used without length check in Snapdragon Auto, Snapdragon Compute, Snapdragon Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wired Infrastructure and Networking in Kamorta,

MDM9150, MDM9205, MDM9650, MSM8998, Nicobar, QCS404, QCS405, QCS605, Rennell, SA415M, SA6155P, SC7180, SC8180X, SDA660, SDM630, SDM636, SDM660, SDM670, SDM710, SDM845, SDM850, SDX24, SDX55, SM6150, SM7150, SM8150, SM8250, SXR1130, SXR2130

CVE-2019-14043 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 Connectivity, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wired Infrastructure and Networking version Kamorta, MDM9150, MDM9205, MDM9650, MSM8998, Nicobar, QCS404, QCS405, QCS605, Rennell, SA415M, SA6155P, SC7180, SC8180X, SDA660, SDM630, SDM636, SDM660, SDM670, SDM710, SDM845, SDM850, SDX24, SDX55, SM6150, SM7150, SM8150, SM8250, SXR1130, SXR2130

CVSS3 Score: **7.1 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	NONE	HIGH

CVSS2 Score: **3.6 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE

Confidentiality Impact	Integrity Impact	Availability Impact				
PARTIAL	NONE	PARTIAL				
CVE References						
Description	Tags	Link				
May 2020 Security Bulletin Qualcomm	Vendor Advisory www.qualcomm.com text/html	CONFIRM www.qualcomm.com/company/product-security/bulletins/may-2020-bulletin				
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.						
There are currently no QIDs associated with this CVE						
Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Qualcomm	Kamorta	-	All	All	All
Hardware	Qualcomm	Kamorta	-	All	All	All
Operating System	Qualcomm	Kamorta Firmware	-	All	All	All
Operating System	Qualcomm	Kamorta Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9150	-	All	All	All
Hardware	Qualcomm	Mdm9150	-	All	All	All
Operating System	Qualcomm	Mdm9150 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9150 Firmware	-	All	All	All
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	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

Operating System	Qualcomm	Msm8998 Firmware	-	All	All	All
Hardware  	Qualcomm	Msm8998	-	All	All	All
Hardware  	Qualcomm	Msm8998	-	All	All	All
Operating System	Qualcomm	Msm8998 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8998 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	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	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	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	Sa415m	-	All	All	All
Hardware  	Qualcomm	Sa415m	-	All	All	All

Operating System	Qualcomm	Sa415m Firmware	-	All	All	All
Operating System	Qualcomm	Sa415m Firmware	-	All	All	All
Hardware  	Qualcomm	Sa6155p	-	All	All	All
Hardware  	Qualcomm	Sa6155p	-	All	All	All
Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Hardware  	Qualcomm	Sc7180	-	All	All	All
Hardware  	Qualcomm	Sc7180	-	All	All	All
Operating System	Qualcomm	Sc7180 Firmware	-	All	All	All
Operating System	Qualcomm	Sc7180 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	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	Sdm636	-	All	All	All
Hardware  	Qualcomm	Sdm636	-	All	All	All
Operating System	Qualcomm	Sdm636 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm636 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	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	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	Sdx55	-	All	All	All
Hardware  	Qualcomm	Sdx55	-	All	All	All
Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All

	System					
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
Hardware 🇨🇳 ➡️	Qualcomm	Sxr1130	-	All	All	All
Hardware 🇨🇳 ➡️	Qualcomm	Sxr1130	-	All	All	All
Operating System	Qualcomm	Sxr1130 Firmware	-	All	All	All
Operating System	Qualcomm	Sxr1130 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
<code>cpe:2.3:h:qualcomm:kamorta:-:*:*:*:*:*:</code>						

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

```
cpe:2.3:o:qualcomm:kamorta_firmware:-:*:*:*:*:*.*
```

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

cpe:2.3:h:qualcomm:mdm9150:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:mdm9150:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:mdm9150_firmware:-:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:mdm9150_firmware:-:*:*:*:*:*:*
```

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: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:msm8998:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:msm8998:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:msm8998_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:msm8998_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:qcs404:-:*:*:*:*:*:*:

```
cpe:2.3:h:qualcomm:gcs404:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qcs404 firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qcs404_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:qcs405:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:gcs405:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:qcs405_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:qcs405_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:gcs605:-:*:*:*:*:*:

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: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:sa415m:-:*:*:*:*:*:

cpe:2.3:h:qualcomm:sa415m:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sa415m_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sa415m_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sa6155p:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sa6155p:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sa6155p_firmware:-:*:*:*:*:*.*
```

```
cpe:2.3:o:qualcomm:sa6155p_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sc7180:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sc7180:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sc7180_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sc7180_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:sda660:-:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sda660:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sda660_firmware:-:*:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sda660_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:sdm636:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sdm636:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sdm636_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:o:qualcomm:sdm636_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: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: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: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:sxr1130:-:*****:
cpe:2.3:h:qualcomm:sxr1130:-:*****:
cpe:2.3:o:qualcomm:sxr1130_firmware:-:*****:

cpe:2.3:o:qualcomm:sxr1130_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 →