



CVE-2019-14050

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CVE-2019-14050

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

Certain versions of [Apq8009](#) from [Qualcomm](#) contain the following vulnerability:

Out-of-bound writes occurs due to lack of check of buffer size will cause buffer overflow only in 32bit architecture. in Snapdragon Auto, Snapdragon Compute, Snapdragon Consumer IOT, Snapdragon Industrial IOT, Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wired Infrastructure and Networking in APQ8009,

MDM9150, MDM9205, MDM9607, MDM9650, MSM8905, Nicobar, QCS405, QCS605, Rennell, SA6155P, SDA660, SDA845, SDM630, SDM636, SDM660, SDM670, SDM710, SDM845, SDM850, SDX24, SM6150, SM7150, SM8150, SXR1130

CVE-2019-14050 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 Wired Infrastructure and Networking version **APQ8009, MDM9150, MDM9205, MDM9607, MDM9650, MSM8905, Nicobar, QCS405, QCS605, Rennell, SA6155P, SDA660, SDA845, SDM630, SDM636, SDM660, SDM670, SDM710, SDM845, SDM850, SDX24, SM6150, SM7150, SM8150, SXR1130**

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	Apq8009	-	All	All	All
Hardware 	Qualcomm	Apq8009	-	All	All	All
Operating System	Qualcomm	Apq8009 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8009 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	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	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
Hardware  	Qualcomm	Msm8905	-	All	All	All
Hardware  	Qualcomm	Msm8905	-	All	All	All
Operating System	Qualcomm	Msm8905 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8905 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	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	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	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	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	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	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	Qualcomm	Sm8150 Firmware	-	All	All	All

System						
Hardware		Qualcomm	Sxr1130	-	All	All
Hardware		Qualcomm	Sxr1130	-	All	All
Operating System		Qualcomm	Sxr1130 Firmware	-	All	All
Operating System		Qualcomm	Sxr1130 Firmware	-	All	All
cpe:2.3:h:qualcomm:apq8009:-:~::~:						
cpe:2.3:h:qualcomm:apq8009:-:~::~:						
cpe:2.3:o:qualcomm:apq8009_firmware:-:~::~:						
cpe:2.3:o:qualcomm:apq8009_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: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: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:msm8905:-:~::~:						
cpe:2.3:h:qualcomm:msm8905:-:~::~:						
cpe:2.3:o:qualcomm:msm8905_firmware:-:~::~:						
cpe:2.3:o:qualcomm:msm8905_firmware:-:~::~:						

cpe:2.3:h:qualcomm:sdm630:-:*:*:*:*:*:*:

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cpe:2.3:h:qualcomm:sdm630:-:*:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:sdm630_firmware:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm630 firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm636:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm636:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm636_firmware:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm636 firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm660:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm660:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm660_firmware:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm660_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm670:-:*:*:*:*:*:*:

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cpe:2.3:h:qualcomm:sdm670:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm670_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm670_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm710:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm710:-:*:*:*:*:*:

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cpe:2.3:o:qualcomm:sdm710_firmware:-:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm710 firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm845:-:*:*:*:*:*:*:

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cpe:2.3:h:qualcomm:sdm845:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm845_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm845_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm850:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sdm850:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:sdm850_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sdm850_firmware:-:*:*:*:*:*:*:
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