

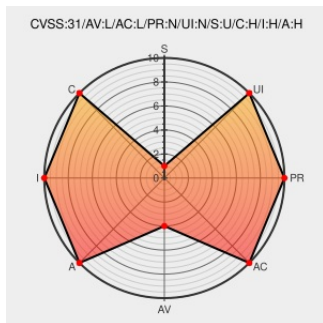


CVE-2021-30315

Published on: 10/20/2021 12:00:00 AM UTC

Last Modified on: 10/26/2021 06:52:00 PM UTC

CVE-2021-30315

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

Certain versions of [Mdm9628](#) from [Qualcomm](#) contain the following vulnerability:

Improper handling of sensor HAL structure in absence of sensor can lead to use after free in Snapdragon Auto

CVE-2021-30315 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** version **MDM9628, QCA6564A, QCA6564AU, QCA6574, QCA6574A, QCA6574AU, QCA6595, QCA6595AU, QCA6696, SA6155, SA6155P, SA8150P, SA8155, SA8155P, SA8195P**

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
October 2021 Security Bulletin I	www.qualcomm.com	CONFIRM www.qualcomm.com/company/product-

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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	Mdm9628	-	All	All	All
Operating System	Qualcomm	Mdm9628 Firmware	-	All	All	All
Hardware 	Qualcomm	Qca6564a	-	All	All	All
Hardware 	Qualcomm	Qca6564au	-	All	All	All
Operating System	Qualcomm	Qca6564au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6564a Firmware	-	All	All	All
Hardware 	Qualcomm	Qca6574	-	All	All	All
Hardware 	Qualcomm	Qca6574a	-	All	All	All
Hardware 	Qualcomm	Qca6574au	-	All	All	All
Operating System	Qualcomm	Qca6574au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6574a Firmware	-	All	All	All
Operating System	Qualcomm	Qca6574 Firmware	-	All	All	All
Hardware 	Qualcomm	Qca6595	-	All	All	All
Hardware 	Qualcomm	Qca6595au	-	All	All	All
Operating System	Qualcomm	Qca6595au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6595 Firmware	-	All	All	All
Hardware 	Qualcomm	Qca6696	-	All	All	All
Operating System	Qualcomm	Qca6696 Firmware	-	All	All	All
Hardware 	Qualcomm	Sa6155	-	All	All	All
Hardware 	Qualcomm	Sa6155p	-	All	All	All

Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Operating System	Qualcomm	Sa6155 Firmware	-	All	All	All
Hardware	Qualcomm	Sa8150p	-	All	All	All
Operating System	Qualcomm	Sa8150p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8155	-	All	All	All
Hardware	Qualcomm	Sa8155p	-	All	All	All
Operating System	Qualcomm	Sa8155p Firmware	-	All	All	All
Operating System	Qualcomm	Sa8155 Firmware	-	All	All	All
Hardware	Qualcomm	Sa8195p	-	All	All	All
Operating System	Qualcomm	Sa8195p Firmware	-	All	All	All
cpe:2.3:h:qualcomm:mdm9628:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:mdm9628_firmware:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:qca6564a:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:qca6564au:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:qca6564au_firmware:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:qca6564a_firmware:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:qca6574:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:qca6574a:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:qca6574au:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:qca6574au_firmware:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:qca6574a_firmware:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:qca6574_firmware:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:qca6595:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:qca6595au:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:qca6595au_firmware:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:qca6595_firmware:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:qca6696:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:qca6696_firmware:-:*:*:*:*:*:						

cpe:2.3:o:qualcomm:qca6090_firmware:-:*****:
cpe:2.3:h:qualcomm:sa6155:-:*****:
cpe:2.3:h:qualcomm:sa6155p:-:*****:
cpe:2.3:o:qualcomm:sa6155p_firmware:-:*****:
cpe:2.3:o:qualcomm:sa6155_firmware:-:*****:
cpe:2.3:h:qualcomm:sa8150p:-:*****:
cpe:2.3:o:qualcomm:sa8150p_firmware:-:*****:
cpe:2.3:h:qualcomm:sa8155:-:*****:
cpe:2.3:h:qualcomm:sa8155p:-:*****:
cpe:2.3:o:qualcomm:sa8155p_firmware:-:*****:
cpe:2.3:o:qualcomm:sa8155_firmware:-:*****:
cpe:2.3:h:qualcomm:sa8195p:-:*****:
cpe:2.3:o:qualcomm:sa8195p_firmware:-:*****:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
🐦 @CVEreport	CVE-2021-30315 : Improper handling of sensor HAL structure in absence of sensor can lead to use after free in Snapd... twitter.com/i/web/status/1...	2021-10-20 06:49:26
🐦 @Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-30315 Description: Improper handling of sensor HAL structure in absence... twitter.com/i/web/status/1...	2021-10-20 08:00:10

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