CVE-2021-35115

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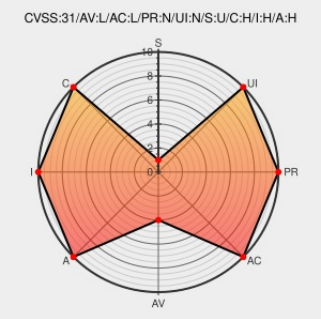
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Apq8096au from Qualcomm contain the following vulnerability:

Improper handling of multiple session supported by PVM backend can lead to use after free in Snapdragon Auto, Snapdragon Mobile

CVE-2021-35115 has been assigned by product-security@qualcomm.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Qualcomm, Inc.** - **Snapdragon Auto, Snapdragon Mobile** version **APQ8096AU, AR6003, MDM8215, MDM8215M, MDM8615M, MDM9215, MDM9310, MDM9615, MDM9615M, MSM8996AU, QCA6564A, QCA6564AU, QCA6574A, QCA6574AU, QCA6584AU, QCA6696, SA6145P, SA6150P, SA6155P, SA8145P, SA8150P, SA8155P, SA8195P, SA8540P, SA9000P, SDX55, SDX55M, WCD9341**

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

Description	Tags	Link
March 2022 Security Bulletin | Qualcomm	www.qualcomm.com text/html	CONFIRM www.qualcomm.com/company/product-security/bulletins/march-2022-bulletin

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Qualcomm	Apq8096au	-	All	All	All
Operating System	Qualcomm	Apq8096au Firmware	-	All	All	All
Hardware	Qualcomm	Ar6003	-	All	All	All
Operating System	Qualcomm	Ar6003 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm8215	-	All	All	All
Hardware	Qualcomm	Mdm8215m	-	All	All	All
Operating System	Qualcomm	Mdm8215m Firmware	-	All	All	All
Operating System	Qualcomm	Mdm8215 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm8615m	-	All	All	All
Operating System	Qualcomm	Mdm8615m Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9215	-	All	All	All
Operating System	Qualcomm	Mdm9215 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9310	-	All	All	All
Operating System	Qualcomm	Mdm9310 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9615	-	All	All	All
Hardware	Qualcomm	Mdm9615m	-	All	All	All
Operating System	Qualcomm	Mdm9615m Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9615 Firmware	-	All	All	All
Hardware	Qualcomm	Msm8996au	-	All	All	All

Operating System	Qualcomm	Msm8996au 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	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
Hardware	Qualcomm	Qca6584au	-	All	All	All
Operating System	Qualcomm	Qca6584au Firmware	-	All	All	All
Hardware	Qualcomm	Qca6696	-	All	All	All
Operating System	Qualcomm	Qca6696 Firmware	-	All	All	All
Hardware	Qualcomm	Sa6145p	-	All	All	All
Operating System	Qualcomm	Sa6145p Firmware	-	All	All	All
Hardware	Qualcomm	Sa6150p	-	All	All	All
Operating System	Qualcomm	Sa6150p Firmware	-	All	All	All
Hardware	Qualcomm	Sa6155p	-	All	All	All
Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8145p	-	All	All	All
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Operating System	Qualcomm	Sa8150p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8155p	-	All	All	All
Operating System	Qualcomm	Sa8155p Firmware	-	All	All	All
Hardware	Qualcomm	Sa8195p	-	All	All	All
Operating	Qualcomm	Sa8195p Firmware	-	All	All	All

System						
Hardware	Qualcomm	Sa8540p	-	All	All	All
Operating System	Qualcomm	Sa8540p Firmware	-	All	All	All
Hardware	Qualcomm	Sa9000p	-	All	All	All
Operating System	Qualcomm	Sa9000p Firmware	-	All	All	All
Hardware	Qualcomm	Sdx55	-	All	All	All
Hardware	Qualcomm	Sdx55m	-	All	All	All
Operating System	Qualcomm	Sdx55m Firmware	-	All	All	All
Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9341	-	All	All	All
Operating System	Qualcomm	Wcd9341 Firmware	-	All	All	All

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cpe:2.3:h:qualcomm:sdx55:-:*:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:sdx55m:-:*:*:*:*:*:*:*:

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cpe:2.3:o:qualcomm:sdx55_firmware:-:*:*:*:*:*:*:*:

cpe:2.3:h:qualcomm:wcd9341:-:*:*:*:*:*:*:*:

cpe:2.3:o:qualcomm:wcd9341_firmware:-:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-35115 : Improper handling of multiple session supported by PVM backend can lead to use after free in Snapd… twitter.com/i/web/status/1…	2022-04-01 04:47:56
@Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-35115 Improper handling of multiple session supported by PVM backend ca… twitter.com/i/web/status/1…	2022-04-01 05:55:57
/r/netcve	CVE-2021-35115	2022-04-01 05:39:05

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