



CVE-2017-18312

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CVE-2017-18312

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

Certain versions of [Msm8996au](#) from [Qualcomm](#) contain the following vulnerability:

While accessing SafeSwitch services, third party can manipulate a given device and perform unauthorized operation due to lack of checking of same state transitions in Snapdragon Automobile, Snapdragon Mobile in version MSM8996AU, SD 410/12, SD 617, SD 650/52, SD 810, SD 820, SD 820A

CVE-2017-18312 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 Automobile, Snapdragon Mobile** version **MSM8996AU, SD 410/12, SD 617, SD 650/52, SD 810, SD 820, SD 820A**

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
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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	Msm8996au	-	All	All	All
Hardware 	Qualcomm	Msm8996au	-	All	All	All
Operating System	Qualcomm	Msm8996au Firmware	-	All	All	All
Operating System	Qualcomm	Msm8996au Firmware	-	All	All	All
Hardware 	Qualcomm	Sd 410	-	All	All	All
Hardware 	Qualcomm	Sd 410	-	All	All	All
Operating System	Qualcomm	Sd 410 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 410 Firmware	-	All	All	All
Hardware 	Qualcomm	Sd 412	-	All	All	All
Hardware 	Qualcomm	Sd 412	-	All	All	All
Operating System	Qualcomm	Sd 412 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 412 Firmware	-	All	All	All
Hardware 	Qualcomm	Sd 617	-	All	All	All
Hardware 	Qualcomm	Sd 617	-	All	All	All
Operating System	Qualcomm	Sd 617 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 617 Firmware	-	All	All	All
Hardware 	Qualcomm	Sd 650	-	All	All	All
Hardware 	Qualcomm	Sd 650	-	All	All	All

Operating System	Qualcomm	Sd 650 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 650 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 652	-	All	All	All
Hardware	Qualcomm	Sd 652	-	All	All	All
Operating System	Qualcomm	Sd 652 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 652 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 810	-	All	All	All
Hardware	Qualcomm	Sd 810	-	All	All	All
Operating System	Qualcomm	Sd 810 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 810 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 820	-	All	All	All
Hardware	Qualcomm	Sd 820	-	All	All	All
Hardware	Qualcomm	Sd 820a	-	All	All	All
Hardware	Qualcomm	Sd 820a	-	All	All	All
Operating System	Qualcomm	Sd 820a Firmware	-	All	All	All
Operating System	Qualcomm	Sd 820a Firmware	-	All	All	All
Operating System	Qualcomm	Sd 820 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 820 Firmware	-	All	All	All
cpe:2.3:h:qualcomm:msm8996au:-:*~::~:						
cpe:2.3:h:qualcomm:msm8996au:-:*~::~:						
cpe:2.3:o:qualcomm:msm8996au_firmware:-:*~::~:						
cpe:2.3:o:qualcomm:msm8996au_firmware:-:*~::~:						
cpe:2.3:h:qualcomm:sd_410:-:*~::~:						
cpe:2.3:h:qualcomm:sd_410:-:*~::~:						
cpe:2.3:o:qualcomm:sd_410_firmware:-:*~::~:						
cpe:2.3:o:qualcomm:sd_410_firmware:-:*~::~:						

cpe:2.3:h:qualcomm:sd_412:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_412:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_412_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_412_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_617:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_617:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_617_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_617_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_650:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_650:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_650_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_650_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_652:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_652:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_652_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_652_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_810:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_810:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_810_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_810_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_820:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_820:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_820a:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:sd_820a:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_820a_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_820a_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_820_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:sd_820_firmware:-:~::~~::~~::~~::~~::~~::~~:::

No vendor comments have been submitted for this CVE

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