



CVE-2019-10499

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CVE-2019-10499

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [lpq4019](#) from [Qualcomm](#) contain the following vulnerability:

Improper validation of read and write index of tx and rx fifo`s before using for data copy from fifo can lead to out-of-bound access. in Snapdragon Mobile, Snapdragon Voice & Music, Snapdragon Wired Infrastructure and Networking in IPQ4019, IPQ8064, IPQ8074, QCS405, SD 665, SD 675, SD 730, SD 855

CVE-2019-10499 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 Mobile, Snapdragon Voice & Music, Snapdragon Wired Infrastructure and Networking** version **IPQ4019, IPQ8064, IPQ8074, QCS405, SD 665, SD 675, SD 730, SD 855**

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	lpq4019	-	All	All	All
Hardware 	Qualcomm	lpq4019	-	All	All	All
Operating System	Qualcomm	lpq4019 Firmware	-	All	All	All
Operating System	Qualcomm	lpq4019 Firmware	-	All	All	All
Hardware 	Qualcomm	lpq8064	-	All	All	All
Hardware 	Qualcomm	lpq8064	-	All	All	All
Operating System	Qualcomm	lpq8064 Firmware	-	All	All	All
Operating System	Qualcomm	lpq8064 Firmware	-	All	All	All
Hardware 	Qualcomm	lpq8074	-	All	All	All
Hardware 	Qualcomm	lpq8074	-	All	All	All
Operating System	Qualcomm	lpq8074 Firmware	-	All	All	All
Operating System	Qualcomm	lpq8074 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	Sd 665	-	All	All	All
Hardware 	Qualcomm	Sd 665	-	All	All	All
Operating System	Qualcomm	Sd 665 Firmware	-	All	All	All

System						
Operating System	Qualcomm	Sd 665 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 675	-	All	All	All
Hardware  	Qualcomm	Sd 675	-	All	All	All
Operating System	Qualcomm	Sd 675 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 675 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 730	-	All	All	All
Hardware  	Qualcomm	Sd 730	-	All	All	All
Operating System	Qualcomm	Sd 730 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 730 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 855	-	All	All	All
Hardware  	Qualcomm	Sd 855	-	All	All	All
Operating System	Qualcomm	Sd 855 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 855 Firmware	-	All	All	All
cpe:2.3:h:qualcomm:ipq4019:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:qualcomm:ipq4019:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:qualcomm:ipq4019_firmware:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:qualcomm:ipq4019_firmware:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:qualcomm:ipq8064:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:qualcomm:ipq8064:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:qualcomm:ipq8064_firmware:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:qualcomm:ipq8064_firmware:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:qualcomm:ipq8074:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:qualcomm:ipq8074:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:qualcomm:ipq8074_firmware:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:o:qualcomm:ipq8074_firmware:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:qualcomm:qcs405:-:*~::~~::~~::~~::~~::~~:::						
cpe:2.3:h:qualcomm:qcs405:-:*~::~~::~~::~~::~~::~~:::						

cpe:2.3:o:qualcomm:qcs405_firmware:-:~::~~::
cpe:2.3:o:qualcomm:qcs405_firmware:-:~::~~::
cpe:2.3:h:qualcomm:sd_665:-:~::~~::
cpe:2.3:h:qualcomm:sd_665:-:~::~~::
cpe:2.3:o:qualcomm:sd_665_firmware:-:~::~~::
cpe:2.3:o:qualcomm:sd_665_firmware:-:~::~~::
cpe:2.3:h:qualcomm:sd_675:-:~::~~::
cpe:2.3:h:qualcomm:sd_675:-:~::~~::
cpe:2.3:o:qualcomm:sd_675_firmware:-:~::~~::
cpe:2.3:o:qualcomm:sd_675_firmware:-:~::~~::
cpe:2.3:h:qualcomm:sd_730:-:~::~~::
cpe:2.3:h:qualcomm:sd_730:-:~::~~::
cpe:2.3:o:qualcomm:sd_730_firmware:-:~::~~::
cpe:2.3:o:qualcomm:sd_730_firmware:-:~::~~::
cpe:2.3:h:qualcomm:sd_855:-:~::~~::
cpe:2.3:h:qualcomm:sd_855:-:~::~~::
cpe:2.3:o:qualcomm:sd_855_firmware:-:~::~~::
cpe:2.3:o:qualcomm:sd_855_firmware:-:~::~~::

No vendor comments have been submitted for this CVE

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