



# CVE-2023-21633

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2023-21633
<b>State</b>	PUBLIC
<b>Assigner</b>	product-security@qualcomm.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-07-04 05:15:00 UTC
<b>Updated</b>	2023-07-10 17:38:00 UTC
<b>Description</b>	Memory Corruption in Linux while processing QcRilRequestImsRegisterMultidentityMessage request.

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	<a href="#">Qualcomm</a>	<a href="#">Apq8064au</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Apq8064au Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Aqt1000</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Aqt1000 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 6200</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 6200 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 6800</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 6800 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 6900</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Fastconnect 6900 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Msm8996au</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Msm8996au Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qam8295p</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qam8295p Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6391</a>	-	All	All	All
Operating System	<a href="#">Qualcomm</a>	<a href="#">Qca6391 Firmware</a>	-	All	All	All
Hardware	<a href="#">Qualcomm</a>	<a href="#">Qca6420</a>	-	All	All	All

Operating System	Qualcomm	Qca6420 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6421	-	All	All	All
Operating System	Qualcomm	Qca6421 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6426	-	All	All	All
Operating System	Qualcomm	Qca6426 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6430	-	All	All	All
Operating System	Qualcomm	Qca6430 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6431	-	All	All	All
Operating System	Qualcomm	Qca6431 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6436	-	All	All	All
Operating System	Qualcomm	Qca6436 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6564	-	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
Operating System	Qualcomm	Qca6564 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	Qca6698aq	-	All	All	All
Operating System	Qualcomm	Qca6698aq Firmware	-	All	All	All
Hardware	Qualcomm	Qcs610	-	All	All	All
Operating System	Qualcomm	Qcs610 Firmware	-	All	All	All
Hardware	Qualcomm	Sa6145p	-	All	All	All
Operating System	Qualcomm	Sa6145p Firmware	-	All	All	All
Hardware	Qualcomm	Sa6150p	-	All	All	All

Hardware	Qualcomm	Sa6150p	-	All	All	All
Operating System	Qualcomm	Sa6150p 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	Sa8145p	-	All	All	All
Operating System	Qualcomm	Sa8145p 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
Hardware	Qualcomm	Sa8295p	-	All	All	All
Operating System	Qualcomm	Sa8295p Firmware	-	All	All	All
Hardware	Qualcomm	Sd670	-	All	All	All
Operating System	Qualcomm	Sd670 Firmware	-	All	All	All
Hardware	Qualcomm	Sd675	-	All	All	All
Operating System	Qualcomm	Sd675 Firmware	-	All	All	All
Hardware	Qualcomm	Sd730	-	All	All	All
Operating System	Qualcomm	Sd730 Firmware	-	All	All	All
Hardware	Qualcomm	Sd835	-	All	All	All
Operating System	Qualcomm	Sd835 Firmware	-	All	All	All
Hardware	Qualcomm	Sd855	-	All	All	All
Operating System	Qualcomm	Sd855 Firmware	-	All	All	All
Hardware	Qualcomm	Sd865 5g	-	All	All	All
Operating System	Qualcomm	Sd865 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sdx55	-	All	All	All
Operating System	Qualcomm	Sdx55 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 675	-	All	All	All
Operating System	Qualcomm	Sd 675 Firmware	-	All	All	All
Hardware	Qualcomm	Sm6250	-	All	All	All
Hardware	Qualcomm	Sm6250p	-	All	All	All

Operating System	Qualcomm	Sm6250p Firmware	-	All	All	All
Operating System	Qualcomm	Sm6250 Firmware	-	All	All	All
Hardware	Qualcomm	Sm7250p	-	All	All	All
Operating System	Qualcomm	Sm7250p Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 670	-	All	All	All
Operating System	Qualcomm	Snapdragon 670 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 675	-	All	All	All
Operating System	Qualcomm	Snapdragon 675 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 678	-	All	All	All
Operating System	Qualcomm	Snapdragon 678 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 690 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon 690 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 710	-	All	All	All
Operating System	Qualcomm	Snapdragon 710 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 720g	-	All	All	All
Operating System	Qualcomm	Snapdragon 720g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 730	-	All	All	All
Hardware	Qualcomm	Snapdragon 730g	-	All	All	All
Operating System	Qualcomm	Snapdragon 730g Firmware	-	All	All	All
Operating System	Qualcomm	Snapdragon 730 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 732g	-	All	All	All
Operating System	Qualcomm	Snapdragon 732g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 750g 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon 750g 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 765g 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon 765g 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 765 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon 765 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 768g 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon 768g 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 820	-	All	All	All
Operating System	Qualcomm	Snapdragon 820 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 855	-	All	All	All
Hardware	Qualcomm	Snapdragon 855 /860	-	All	All	All
Operating System	Qualcomm	Snapdragon 855 /860 Firmware	-	All	All	All

Operating System	Qualcomm	Snapdragon 855 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 865 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon 865 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 865 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon 865 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon 870 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon 870 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon W5 Gen 1	-	All	All	All
Operating System	Qualcomm	Snapdragon W5 Gen 1 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon Wear 4100	-	All	All	All
Operating System	Qualcomm	Snapdragon Wear 4100 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon X50 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon X50 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon X55 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon X55 5g Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon Xr1	-	All	All	All
Operating System	Qualcomm	Snapdragon Xr1 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon Xr2 5g	-	All	All	All
Operating System	Qualcomm	Snapdragon Xr2 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sw5100	-	All	All	All
Hardware	Qualcomm	Sw5100p	-	All	All	All
Operating System	Qualcomm	Sw5100p Firmware	-	All	All	All
Operating System	Qualcomm	Sw5100 Firmware	-	All	All	All
Hardware	Qualcomm	Sxr1120	-	All	All	All
Operating System	Qualcomm	Sxr1120 Firmware	-	All	All	All
Hardware	Qualcomm	Sxr2130	-	All	All	All
Operating System	Qualcomm	Sxr2130 Firmware	-	All	All	All
Hardware	Qualcomm	Video Collaboration Vc1	-	All	All	All
Operating System	Qualcomm	Video Collaboration Vc1 Firmware	-	All	All	All
Hardware	Qualcomm	Video Collaboration Vc3	-	All	All	All
Operating System	Qualcomm	Video Collaboration Vc3 Firmware	-	All	All	All
Hardware	Qualcomm	Vision Intelligence 400	-	All	All	All
Operating System	Qualcomm	Vision Intelligence 400 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9326	-	All	All	All
Operating System	Qualcomm	Wcd9326 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9335	-	All	All	All

Hardware	Qualcomm	Wcd9335	-	All	All	All
Operating System	Qualcomm	Wcd9335 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9341	-	All	All	All
Operating System	Qualcomm	Wcd9341 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9370	-	All	All	All
Operating System	Qualcomm	Wcd9370 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9371	-	All	All	All
Operating System	Qualcomm	Wcd9371 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9375	-	All	All	All
Operating System	Qualcomm	Wcd9375 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9380	-	All	All	All
Operating System	Qualcomm	Wcd9380 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9385	-	All	All	All
Operating System	Qualcomm	Wcd9385 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3610	-	All	All	All
Operating System	Qualcomm	Wcn3610 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3660b	-	All	All	All
Operating System	Qualcomm	Wcn3660b Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3680b	-	All	All	All
Operating System	Qualcomm	Wcn3680b Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3950	-	All	All	All
Operating System	Qualcomm	Wcn3950 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3980	-	All	All	All
Operating System	Qualcomm	Wcn3980 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3988	-	All	All	All
Operating System	Qualcomm	Wcn3988 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3990	-	All	All	All
Operating System	Qualcomm	Wcn3990 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8810	-	All	All	All
Operating System	Qualcomm	Wsa8810 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8815	-	All	All	All
Operating System	Qualcomm	Wsa8815 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8830	-	All	All	All
Operating System	Qualcomm	Wsa8830 Firmware	-	All	All	All
Hardware	Qualcomm	Wsa8835	-	All	All	All
Operating System	Qualcomm	Wsa8835 Firmware	-	All	All	All

## References

Reference	Source	Link	Tags
Qualcomm Documentation	MISC	<a href="http://www.qualcomm.com">www.qualcomm.com</a>	
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

© [CVE.report](https://cve.report) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](https://www.mitre.org) and the authoritative source of CVE content is [MITRE's CVE web site](https://www.mitre.org/cve). This site includes MITRE data granted under the following [license](#).

**Free CVE JSON API** [cve.report/api](https://cve.report/api)

**CVE.report and Source URL Uptime Status** [status.cve.report](https://status.cve.report)