



# CVE-2020-11220

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

## Summary

<b>CVE</b>	CVE-2020-11220
<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>	2021-03-17 06:15:00 UTC
<b>Updated</b>	2021-03-18 14:12:00 UTC
<b>Description</b>	While processing storage SCM commands there is a time of check or time of use window where a pointer used could be in

## Risk And Classification

**Problem Types:** CWE-367

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Qualcomm	Aqt1000	-	All	All	All
Operating System	Qualcomm	Aqt1000 Firmware	-	All	All	All
Hardware	Qualcomm	Ar8035	-	All	All	All
Operating System	Qualcomm	Ar8035 Firmware	-	All	All	All
Hardware	Qualcomm	Pm4125	-	All	All	All
Operating System	Qualcomm	Pm4125 Firmware	-	All	All	All
Hardware	Qualcomm	Pm4250	-	All	All	All
Operating System	Qualcomm	Pm4250 Firmware	-	All	All	All
Hardware	Qualcomm	Pm6125	-	All	All	All
Operating System	Qualcomm	Pm6125 Firmware	-	All	All	All
Hardware	Qualcomm	Pm6150	-	All	All	All
Hardware	Qualcomm	Pm6150a	-	All	All	All
Operating System	Qualcomm	Pm6150a Firmware	-	All	All	All
Hardware	Qualcomm	Pm6150l	-	All	All	All
Operating System	Qualcomm	Pm6150l Firmware	-	All	All	All
Operating System	Qualcomm	Pm6150 Firmware	-	All	All	All
Hardware	Qualcomm	Pm6350	-	All	All	All

Operating System	Qualcomm	Pm6350 Firmware	-	All	All	All
Hardware	Qualcomm	Pm640a	-	All	All	All
Operating System	Qualcomm	Pm640a Firmware	-	All	All	All
Hardware	Qualcomm	Pm640l	-	All	All	All
Operating System	Qualcomm	Pm640l Firmware	-	All	All	All
Hardware	Qualcomm	Pm640p	-	All	All	All
Operating System	Qualcomm	Pm640p Firmware	-	All	All	All
Hardware	Qualcomm	Pm7250b	-	All	All	All
Operating System	Qualcomm	Pm7250b Firmware	-	All	All	All
Hardware	Qualcomm	Pm8004	-	All	All	All
Operating System	Qualcomm	Pm8004 Firmware	-	All	All	All
Hardware	Qualcomm	Pm8005	-	All	All	All
Operating System	Qualcomm	Pm8005 Firmware	-	All	All	All
Hardware	Qualcomm	Pm8008	-	All	All	All
Operating System	Qualcomm	Pm8008 Firmware	-	All	All	All
Hardware	Qualcomm	Pm8350	-	All	All	All
Operating System	Qualcomm	Pm8350 Firmware	-	All	All	All
Hardware	Qualcomm	Pm855	-	All	All	All
Hardware	Qualcomm	Pm855a	-	All	All	All
Operating System	Qualcomm	Pm855a Firmware	-	All	All	All
Hardware	Qualcomm	Pm855b	-	All	All	All
Operating System	Qualcomm	Pm855b Firmware	-	All	All	All
Hardware	Qualcomm	Pm855l	-	All	All	All
Operating System	Qualcomm	Pm855l Firmware	-	All	All	All
Hardware	Qualcomm	Pm855p	-	All	All	All
Operating System	Qualcomm	Pm855p Firmware	-	All	All	All
Operating System	Qualcomm	Pm855 Firmware	-	All	All	All
Hardware	Qualcomm	Pm8998	-	All	All	All
Operating System	Qualcomm	Pm8998 Firmware	-	All	All	All
Hardware	Qualcomm	Pmd9655	-	All	All	All
Operating System	Qualcomm	Pmd9655 Firmware	-	All	All	All
Hardware	Qualcomm	Pmi632	-	All	All	All
Operating System	Qualcomm	Pmi632 Firmware	-	All	All	All
Hardware	Qualcomm	Pmi8998	-	All	All	All
Operating System	Qualcomm	Pmi8998 Firmware	-	All	All	All

Hardware	Qualcomm	Pmk8002	-	All	All	All
Operating System	Qualcomm	Pmk8002 Firmware	-	All	All	All
Hardware	Qualcomm	Pmk8003	-	All	All	All
Operating System	Qualcomm	Pmk8003 Firmware	-	All	All	All
Hardware	Qualcomm	Pmm8195au	-	All	All	All
Operating System	Qualcomm	Pmm8195au Firmware	-	All	All	All
Hardware	Qualcomm	Pmm855au	-	All	All	All
Operating System	Qualcomm	Pmm855au Firmware	-	All	All	All
Hardware	Qualcomm	Pmx24	-	All	All	All
Operating System	Qualcomm	Pmx24 Firmware	-	All	All	All
Hardware	Qualcomm	Pmx50	-	All	All	All
Operating System	Qualcomm	Pmx50 Firmware	-	All	All	All
Hardware	Qualcomm	Pmx55	-	All	All	All
Operating System	Qualcomm	Pmx55 Firmware	-	All	All	All
Hardware	Qualcomm	Qat3519	-	All	All	All
Operating System	Qualcomm	Qat3519 Firmware	-	All	All	All
Hardware	Qualcomm	Qat3522	-	All	All	All
Operating System	Qualcomm	Qat3522 Firmware	-	All	All	All
Hardware	Qualcomm	Qat3550	-	All	All	All
Operating System	Qualcomm	Qat3550 Firmware	-	All	All	All
Hardware	Qualcomm	Qat3555	-	All	All	All
Operating System	Qualcomm	Qat3555 Firmware	-	All	All	All
Hardware	Qualcomm	Qat5515	-	All	All	All
Operating System	Qualcomm	Qat5515 Firmware	-	All	All	All
Hardware	Qualcomm	Qat5516	-	All	All	All
Operating System	Qualcomm	Qat5516 Firmware	-	All	All	All
Hardware	Qualcomm	Qbt1500	-	All	All	All
Operating System	Qualcomm	Qbt1500 Firmware	-	All	All	All
Hardware	Qualcomm	Qbt2000	-	All	All	All
Operating System	Qualcomm	Qbt2000 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6390	-	All	All	All
Operating System	Qualcomm	Qca6390 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6420	-	All	All	All
Operating System	Qualcomm	Qca6420 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6430	-	All	All	All

Operating System	Qualcomm	<a href="#">Qca6430 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qca6574a</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qca6574au</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qca6574au Firmware</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qca6574a Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qca6595</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qca6595 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qca6696</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qca6696 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qca9984</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qca9984 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qcm2290</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qcm2290 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qcm4290</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qcm4290 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qcs2290</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qcs2290 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qcs405</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qcs405 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qcs4290</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qcs4290 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qdm2301</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qdm2301 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qdm2302</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qdm2302 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qet4101</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qet4101 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qet5100</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qet5100 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qpa4360</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qpa4360 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qpa4361</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qpa4361 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qpa5460</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qpa5460 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qpa6560</a>	-	All	All	All

Operating System	Qualcomm	Qpa6560 Firmware	-	All	All	All
Hardware	Qualcomm	Qpa8673	-	All	All	All
Operating System	Qualcomm	Qpa8673 Firmware	-	All	All	All
Hardware	Qualcomm	Qsw6310	-	All	All	All
Operating System	Qualcomm	Qsw6310 Firmware	-	All	All	All
Hardware	Qualcomm	Qsw8573	-	All	All	All
Operating System	Qualcomm	Qsw8573 Firmware	-	All	All	All
Hardware	Qualcomm	Qsw8574	-	All	All	All
Operating System	Qualcomm	Qsw8574 Firmware	-	All	All	All
Hardware	Qualcomm	Qtc410s	-	All	All	All
Operating System	Qualcomm	Qtc410s Firmware	-	All	All	All
Hardware	Qualcomm	Qtc800h	-	All	All	All
Operating System	Qualcomm	Qtc800h Firmware	-	All	All	All
Hardware	Qualcomm	Qtc800s	-	All	All	All
Operating System	Qualcomm	Qtc800s Firmware	-	All	All	All
Hardware	Qualcomm	Qtc801s	-	All	All	All
Operating System	Qualcomm	Qtc801s Firmware	-	All	All	All
Hardware	Qualcomm	Qtm525	-	All	All	All
Operating System	Qualcomm	Qtm525 Firmware	-	All	All	All
Hardware	Qualcomm	Sa6155p	-	All	All	All
Operating System	Qualcomm	Sa6155p 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	Sd460	-	All	All	All
Operating System	Qualcomm	Sd460 Firmware	-	All	All	All
Hardware	Qualcomm	Sd480	-	All	All	All
Operating System	Qualcomm	Sd480 Firmware	-	All	All	All
Hardware	Qualcomm	Sd662	-	All	All	All
Operating System	Qualcomm	Sd662 Firmware	-	All	All	All
Hardware	Qualcomm	Sd665	-	All	All	All
Operating System	Qualcomm	Sd665 Firmware	-	All	All	All

Hardware	Qualcomm	Sd675	-	All	All	All
Operating System	Qualcomm	Sd675 Firmware	-	All	All	All
Hardware	Qualcomm	Sd855	-	All	All	All
Operating System	Qualcomm	Sd855 Firmware	-	All	All	All
Hardware	Qualcomm	Sd888 5g	-	All	All	All
Operating System	Qualcomm	Sd888 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sdm830	-	All	All	All
Operating System	Qualcomm	Sdm830 Firmware	-	All	All	All
Hardware	Qualcomm	Sdr051	-	All	All	All
Operating System	Qualcomm	Sdr051 Firmware	-	All	All	All
Hardware	Qualcomm	Sdr052	-	All	All	All
Operating System	Qualcomm	Sdr052 Firmware	-	All	All	All
Hardware	Qualcomm	Sdr425	-	All	All	All
Operating System	Qualcomm	Sdr425 Firmware	-	All	All	All
Hardware	Qualcomm	Sdr660	-	All	All	All
Hardware	Qualcomm	Sdr660g	-	All	All	All
Operating System	Qualcomm	Sdr660g Firmware	-	All	All	All
Operating System	Qualcomm	Sdr660 Firmware	-	All	All	All
Hardware	Qualcomm	Sdr735	-	All	All	All
Hardware	Qualcomm	Sdr735g	-	All	All	All
Operating System	Qualcomm	Sdr735g Firmware	-	All	All	All
Operating System	Qualcomm	Sdr735 Firmware	-	All	All	All
Hardware	Qualcomm	Sdr8150	-	All	All	All
Operating System	Qualcomm	Sdr8150 Firmware	-	All	All	All
Hardware	Qualcomm	Sdr8250	-	All	All	All
Operating System	Qualcomm	Sdr8250 Firmware	-	All	All	All
Hardware	Qualcomm	Sdr865	-	All	All	All
Operating System	Qualcomm	Sdr865 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx24	-	All	All	All
Operating System	Qualcomm	Sdx24 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx50m	-	All	All	All
Operating System	Qualcomm	Sdx50m 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

Operating System	Qualcomm	Sax55 Firmware	-	All	All	All
Hardware	Qualcomm	Sd 8c	-	All	All	All
Hardware	Qualcomm	Sd 8cx	-	All	All	All
Operating System	Qualcomm	Sd 8cx Firmware	-	All	All	All
Operating System	Qualcomm	Sd 8c Firmware	-	All	All	All
Hardware	Qualcomm	Sm4125	-	All	All	All
Operating System	Qualcomm	Sm4125 Firmware	-	All	All	All
Hardware	Qualcomm	Smb1351	-	All	All	All
Operating System	Qualcomm	Smb1351 Firmware	-	All	All	All
Hardware	Qualcomm	Smb1354	-	All	All	All
Operating System	Qualcomm	Smb1354 Firmware	-	All	All	All
Hardware	Qualcomm	Smb1355	-	All	All	All
Operating System	Qualcomm	Smb1355 Firmware	-	All	All	All
Hardware	Qualcomm	Smb1381	-	All	All	All
Operating System	Qualcomm	Smb1381 Firmware	-	All	All	All
Hardware	Qualcomm	Smb1390	-	All	All	All
Operating System	Qualcomm	Smb1390 Firmware	-	All	All	All
Hardware	Qualcomm	Smb1396	-	All	All	All
Operating System	Qualcomm	Smb1396 Firmware	-	All	All	All
Hardware	Qualcomm	Smr526	-	All	All	All
Operating System	Qualcomm	Smr526 Firmware	-	All	All	All
Hardware	Qualcomm	Smr545	-	All	All	All
Operating System	Qualcomm	Smr545 Firmware	-	All	All	All
Hardware	Qualcomm	Smr546	-	All	All	All
Operating System	Qualcomm	Smr546 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9340	-	All	All	All
Operating System	Qualcomm	Wcd9340 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9341	-	All	All	All
Operating System	Qualcomm	Wcd9341 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9360	-	All	All	All
Operating System	Qualcomm	Wcd9360 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9370	-	All	All	All
Operating System	Qualcomm	Wcd9370 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9375	-	All	All	All
Operating System	Qualcomm	Wcd9375 Firmware	-	All	All	All
Hardware	Qualcomm	Wcd9385	-	All	All	All

Operating System	Qualcomm	<a href="#">Wcd9385 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3910</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3910 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3950</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3950 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3980</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3980 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3988</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3988 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3990</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3990 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3991</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3991 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3998</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3998 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn3999</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn3999 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wcn6850</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wcn6850 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wgr7640</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wgr7640 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Whs9410</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Whs9410 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wsa8810</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wsa8810 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wsa8815</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wsa8815 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wtr2965</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wtr2965 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wtr3925</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wtr3925 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Wtr5975</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Wtr5975 Firmware</a>	-	All	All	All

## References

Reference	Source	Link	Tags
-----------	--------	------	------

Reference	Source	Link	Tags
March 2021 Security Bulletin   Qualcomm	CONFIRM	<a href="http://www.qualcomm.com">www.qualcomm.com</a>	Vendor Advisory
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.

#### Legacy QID Mappings

[610322](#) Google Android Devices March 2021 Security Patch Missing

[610330](#) Google Android April 2021 Security Patch Missing for Samsung

[610332](#) Google Android April 2021 Security Patch Missing for LGE

© [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](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

**CVE.report and Source URL Uptime Status** [status.cve.report](#)