



# CVE-2021-30340

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## Summary

<b>CVE</b>	CVE-2021-30340
<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>	2022-06-14 10:15:00 UTC
<b>Updated</b>	2023-04-19 17:10:00 UTC
<b>Description</b>	Reachable assertion due to improper validation of coresets in PDCCH configuration in SA mode in Snapdragon Auto, Snapd

## Risk And Classification

**Problem Types:** CWE-617

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Qualcomm	Ar8035	-	All	All	All
Operating System	Qualcomm	Ar8035 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6390	-	All	All	All
Operating System	Qualcomm	Qca6390 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6391	-	All	All	All
Operating System	Qualcomm	Qca6391 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6426	-	All	All	All
Operating System	Qualcomm	Qca6426 Firmware	-	All	All	All
Hardware	Qualcomm	Qca6436	-	All	All	All
Operating System	Qualcomm	Qca6436 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	Qca6595au	-	All	All	All
Operating System	Qualcomm	Qca6595au Firmware	-	All	All	All
Hardware	Qualcomm	Qca6696	-	All	All	All

Operating System	Qualcomm	<a href="#">Qca6696 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qca8081</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qca8081 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qca8337</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qca8337 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qcm6490</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qcm6490 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qcs6490</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qcs6490 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Qcx315</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Qcx315 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sa515m</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sa515m Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sd480</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sd480 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sd690 5g</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sd690 5g Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sd750g</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sd750g Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sd765</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sd765g</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sd765g Firmware</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sd765 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sd768g</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sd768g Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sd778g</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sd778g Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sd780g</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sd780g Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sd865 5g</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sd865 5g Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sd870</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sd870 Firmware</a>	-	All	All	All
Hardware	Qualcomm	<a href="#">Sd888 5g</a>	-	All	All	All
Operating System	Qualcomm	<a href="#">Sd888 5g Firmware</a>	-	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	Sdx65	-	All	All	All
Operating System	Qualcomm	Sdx65 Firmware	-	All	All	All
Hardware	Qualcomm	Sdxr2 5g	-	All	All	All
Operating System	Qualcomm	Sdxr2 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sd 8 Gen1 5g	-	All	All	All
Operating System	Qualcomm	Sd 8 Gen1 5g Firmware	-	All	All	All
Hardware	Qualcomm	Sm6375	-	All	All	All
Operating System	Qualcomm	Sm6375 Firmware	-	All	All	All
Hardware	Qualcomm	Sm7250p	-	All	All	All
Operating System	Qualcomm	Sm7250p Firmware	-	All	All	All
Hardware	Qualcomm	Sm7325p	-	All	All	All
Operating System	Qualcomm	Sm7325p Firmware	-	All	All	All
Hardware	Qualcomm	Sm8475	-	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	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	Wcn3988	-	All	All	All
Operating System	Qualcomm	Wcn3988 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3991	-	All	All	All
Operating System	Qualcomm	Wcn3991 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn3998	-	All	All	All
Operating System	Qualcomm	Wcn3998 Firmware	-	All	All	All

Hardware	Qualcomm	Wcn6740	-	All	All	All
Operating System	Qualcomm	Wcn6740 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6750	-	All	All	All
Operating System	Qualcomm	Wcn6750 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6850	-	All	All	All
Operating System	Qualcomm	Wcn6850 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6851	-	All	All	All
Operating System	Qualcomm	Wcn6851 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6855	-	All	All	All
Operating System	Qualcomm	Wcn6855 Firmware	-	All	All	All
Hardware	Qualcomm	Wcn6856	-	All	All	All
Operating System	Qualcomm	Wcn6856 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
April 2022 Security Bulletin   Qualcomm	CONFIRM	<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.

## Legacy QID Mappings

610407 Google Android Devices April 2022 Security Patch Missing

610415 Google Android May 2022 Security Patch Missing for Samsung

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