



CVE-2019-2302

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

Summary

CVE	CVE-2019-2302
State	PUBLIC
Assigner	product-security@qualcomm.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-11-06 17:15:00 UTC
Updated	2020-08-24 17:37:00 UTC
Description	While processing vendor command which contains corrupted channel count, an integer overflow occurs and finally will lead

Risk And Classification

Problem Types: CWE-787 | CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Qualcomm	Apq8017	-	All	All	All
Hardware	Qualcomm	Apq8017	-	All	All	All
Operating System	Qualcomm	Apq8017 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8017 Firmware	-	All	All	All
Hardware	Qualcomm	Apq8053	-	All	All	All
Hardware	Qualcomm	Apq8053	-	All	All	All
Operating System	Qualcomm	Apq8053 Firmware	-	All	All	All
Operating System	Qualcomm	Apq8053 Firmware	-	All	All	All
Hardware	Qualcomm	Apq8096au	-	All	All	All
Hardware	Qualcomm	Apq8096au	-	All	All	All
Operating System	Qualcomm	Apq8096au Firmware	-	All	All	All
Operating System	Qualcomm	Apq8096au Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9206	-	All	All	All
Hardware	Qualcomm	Mdm9206	-	All	All	All
Operating System	Qualcomm	Mdm9206 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9206 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9207c	-	All	All	All

Hardware	Qualcomm	Mdm9207c	-	All	All	All
Operating System	Qualcomm	Mdm9207c Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9207c Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9607	-	All	All	All
Hardware	Qualcomm	Mdm9607	-	All	All	All
Operating System	Qualcomm	Mdm9607 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9607 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9640	-	All	All	All
Hardware	Qualcomm	Mdm9640	-	All	All	All
Operating System	Qualcomm	Mdm9640 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9640 Firmware	-	All	All	All
Hardware	Qualcomm	Mdm9650	-	All	All	All
Hardware	Qualcomm	Mdm9650	-	All	All	All
Operating System	Qualcomm	Mdm9650 Firmware	-	All	All	All
Operating System	Qualcomm	Mdm9650 Firmware	-	All	All	All
Hardware	Qualcomm	Msm8905	-	All	All	All
Hardware	Qualcomm	Msm8905	-	All	All	All
Operating System	Qualcomm	Msm8905 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8905 Firmware	-	All	All	All
Hardware	Qualcomm	Msm8909	-	All	All	All
Hardware	Qualcomm	Msm8909	-	All	All	All
Hardware	Qualcomm	Msm8909w	-	All	All	All
Hardware	Qualcomm	Msm8909w	-	All	All	All
Operating System	Qualcomm	Msm8909w Firmware	-	All	All	All
Operating System	Qualcomm	Msm8909w Firmware	-	All	All	All
Operating System	Qualcomm	Msm8909 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8909 Firmware	-	All	All	All
Hardware	Qualcomm	Msm8976	-	All	All	All
Hardware	Qualcomm	Msm8976	-	All	All	All
Operating System	Qualcomm	Msm8976 Firmware	-	All	All	All
Operating System	Qualcomm	Msm8976 Firmware	-	All	All	All
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	Qca6174a	-	All	All	All
Hardware	Qualcomm	Qca6174a	-	All	All	All
Operating System	Qualcomm	Qca6174a Firmware	-	All	All	All
Operating System	Qualcomm	Qca6174a Firmware	-	All	All	All
Hardware	Qualcomm	Qca6574au	-	All	All	All
Hardware	Qualcomm	Qca6574au	-	All	All	All
Operating System	Qualcomm	Qca6574au Firmware	-	All	All	All
Operating System	Qualcomm	Qca6574au Firmware	-	All	All	All
Hardware	Qualcomm	Qca9377	-	All	All	All
Hardware	Qualcomm	Qca9377	-	All	All	All
Operating System	Qualcomm	Qca9377 Firmware	-	All	All	All
Operating System	Qualcomm	Qca9377 Firmware	-	All	All	All
Hardware	Qualcomm	Qca9379	-	All	All	All
Hardware	Qualcomm	Qca9379	-	All	All	All
Operating System	Qualcomm	Qca9379 Firmware	-	All	All	All
Operating System	Qualcomm	Qca9379 Firmware	-	All	All	All
Hardware	Qualcomm	Qcn7605	-	All	All	All
Hardware	Qualcomm	Qcn7605	-	All	All	All
Operating System	Qualcomm	Qcn7605 Firmware	-	All	All	All
Operating System	Qualcomm	Qcn7605 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	Qcs605	-	All	All	All
Hardware	Qualcomm	Qcs605	-	All	All	All
Operating System	Qualcomm	Qcs605 Firmware	-	All	All	All
Operating System	Qualcomm	Qcs605 Firmware	-	All	All	All
Hardware	Qualcomm	Sda845	-	All	All	All
Hardware	Qualcomm	Sda845	-	All	All	All
Operating System	Qualcomm	Sda845 Firmware	-	All	All	All
Operating System	Qualcomm	Sda845 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm636	-	All	All	All
Hardware	Qualcomm	Sdm636	-	All	All	All
Operating System	Qualcomm	Sdm636 Firmware	-	All	All	All

Operating System	Qualcomm	Sdm636 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm660	-	All	All	All
Hardware	Qualcomm	Sdm660	-	All	All	All
Operating System	Qualcomm	Sdm660 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm660 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm670	-	All	All	All
Hardware	Qualcomm	Sdm670	-	All	All	All
Operating System	Qualcomm	Sdm670 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm670 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm710	-	All	All	All
Hardware	Qualcomm	Sdm710	-	All	All	All
Operating System	Qualcomm	Sdm710 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm710 Firmware	-	All	All	All
Hardware	Qualcomm	Sdm845	-	All	All	All
Hardware	Qualcomm	Sdm845	-	All	All	All
Operating System	Qualcomm	Sdm845 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm845 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx20	-	All	All	All
Hardware	Qualcomm	Sdx20	-	All	All	All
Operating System	Qualcomm	Sdx20 Firmware	-	All	All	All
Operating System	Qualcomm	Sdx20 Firmware	-	All	All	All
Hardware	Qualcomm	Sdx24	-	All	All	All
Hardware	Qualcomm	Sdx24	-	All	All	All
Operating System	Qualcomm	Sdx24 Firmware	-	All	All	All
Operating System	Qualcomm	Sdx24 Firmware	-	All	All	All
Hardware	Qualcomm	Sm6150	-	All	All	All
Hardware	Qualcomm	Sm6150	-	All	All	All
Operating System	Qualcomm	Sm6150 Firmware	-	All	All	All
Operating System	Qualcomm	Sm6150 Firmware	-	All	All	All
Hardware	Qualcomm	Sm8150	-	All	All	All
Hardware	Qualcomm	Sm8150	-	All	All	All
Operating System	Qualcomm	Sm8150 Firmware	-	All	All	All
Operating System	Qualcomm	Sm8150 Firmware	-	All	All	All

References

Reference	Source	Link	Tags
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October Security Bulletin 2019 Qualcomm	CONFIRM	www.qualcomm.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[610347](#) Google Android May 2021 Security Patch Missing for Huawei EMUI

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