

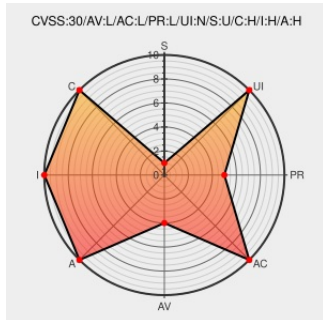


CVE-2017-18173

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CVE-2017-18173

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Sdm630](#) from [Qualcomm](#) contain the following vulnerability:

In case of using an invalid android verified boot signature with very large length, an integer underflow occurs in Snapdragon Mobile in SD 425, SD 427, SD 430, SD 435, SD 450, SD 625, SD 810, SD 820, SD 835, SDM630, SDM636, SDM660, Snapdragon_High_Med_2016.

CVE-2017-18173 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **HIGH** severity.

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
Bulletins Qualcomm	Vendor Advisory www.qualcomm.com text/html	Q MISC www.qualcomm.com/company/product-security/bulletins

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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	Sdm630	-	All	All	All
Hardware 	Qualcomm	Sdm630	-	All	All	All
Operating System	Qualcomm	Sdm630 Firmware	-	All	All	All
Operating System	Qualcomm	Sdm630 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	Sd 425	-	All	All	All
Hardware 	Qualcomm	Sd 425	-	All	All	All
Operating System	Qualcomm	Sd 425 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 425 Firmware	-	All	All	All
Hardware 	Qualcomm	Sd 427	-	All	All	All
Hardware 	Qualcomm	Sd 427	-	All	All	All
Operating System	Qualcomm	Sd 427 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 427 Firmware	-	All	All	All
Hardware 	Qualcomm	Sd 430	-	All	All	All

Hardware  	Qualcomm	Sd 430	-	All	All	All
Operating System	Qualcomm	Sd 430 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 430 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 435	-	All	All	All
Hardware  	Qualcomm	Sd 435	-	All	All	All
Operating System	Qualcomm	Sd 435 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 435 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 450	-	All	All	All
Hardware  	Qualcomm	Sd 450	-	All	All	All
Operating System	Qualcomm	Sd 450 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 450 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 625	-	All	All	All
Hardware  	Qualcomm	Sd 625	-	All	All	All
Operating System	Qualcomm	Sd 625 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 625 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 810	-	All	All	All
Hardware  	Qualcomm	Sd 810	-	All	All	All
Operating System	Qualcomm	Sd 810 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 810 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 820	-	All	All	All
Hardware  	Qualcomm	Sd 820	-	All	All	All
Operating System	Qualcomm	Sd 820 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 820 Firmware	-	All	All	All
Hardware  	Qualcomm	Sd 835	-	All	All	All
Hardware  	Qualcomm	Sd 835	-	All	All	All
Operating System	Qualcomm	Sd 835 Firmware	-	All	All	All
Operating System	Qualcomm	Sd 835 Firmware	-	All	All	All

Operating System	Qualcomm	Sd 630 Firmware	-	All	All	All
Hardware	Qualcomm	Snapdragon High Med 2016	-	All	All	All
Hardware	Qualcomm	Snapdragon High Med 2016	-	All	All	All
Operating System	Qualcomm	Snapdragon High Med 2016 Firmware	-	All	All	All
Operating System	Qualcomm	Snapdragon High Med 2016 Firmware	-	All	All	All
cpe:2.3:h:qualcomm:sdm630:-:~::~:						
cpe:2.3:h:qualcomm:sdm630:-:~::~:						
cpe:2.3:o:qualcomm:sdm630_firmware:-:~::~:						
cpe:2.3:o:qualcomm:sdm630_firmware:-:~::~:						
cpe:2.3:h:qualcomm:sdm636:-:~::~:						
cpe:2.3:h:qualcomm:sdm636:-:~::~:						
cpe:2.3:o:qualcomm:sdm636_firmware:-:~::~:						
cpe:2.3:o:qualcomm:sdm636_firmware:-:~::~:						
cpe:2.3:h:qualcomm:sdm660:-:~::~:						
cpe:2.3:h:qualcomm:sdm660:-:~::~:						
cpe:2.3:o:qualcomm:sdm660_firmware:-:~::~:						
cpe:2.3:o:qualcomm:sdm660_firmware:-:~::~:						
cpe:2.3:h:qualcomm:sd_425:-:~::~:						
cpe:2.3:h:qualcomm:sd_425:-:~::~:						
cpe:2.3:o:qualcomm:sd_425_firmware:-:~::~:						
cpe:2.3:o:qualcomm:sd_425_firmware:-:~::~:						
cpe:2.3:h:qualcomm:sd_427:-:~::~:						
cpe:2.3:h:qualcomm:sd_427:-:~::~:						
cpe:2.3:o:qualcomm:sd_427_firmware:-:~::~:						
cpe:2.3:o:qualcomm:sd_427_firmware:-:~::~:						
cpe:2.3:h:qualcomm:sd_430:-:~::~:						
cpe:2.3:h:qualcomm:sd_430:-:~::~:						
cpe:2.3:o:qualcomm:sd_430_firmware:-:~::~:						

cpe:2.3:o:qualcomm:sd_430_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_435:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_435:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_435_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_435_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_450:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_450:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_450_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_450_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_625:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_625:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_625_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_625_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_810:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_810:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_810_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_810_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_820:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_820:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_820_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_820_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_835:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:sd_835:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_835_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:sd_835_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:snapdragon_high_med_2016:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:h:qualcomm:snapdragon_high_med_2016:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:snapdragon_high_med_2016_firmware:-:~::~~::~~::~~::~~::~~::~~::~::
cpe:2.3:o:qualcomm:snapdragon_high_med_2016_firmware:-:~::~~::~~::~~::~~::~~::~~::~::

No vendor comments have been submitted for this CVE

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