



CVE-2023-21639

Published on: Not Yet Published

Last Modified on: 07/11/2023 01:30:00 PM UTC

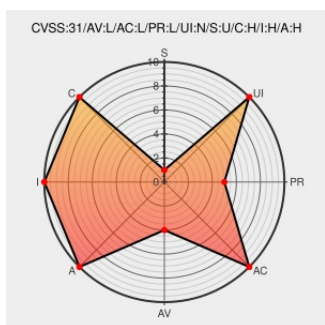
CVE-2023-21639

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Aqt1000](#) from [Qualcomm](#) contain the following vulnerability:

Memory corruption in Audio while processing sva_model_serializer using memory size passed by HIDL client.

CVE-2023-21639 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

CVE References

Description	Tags	Link
Qualcomm Documentation	www.qualcomm.com text/html	Q MISC www.qualcomm.com/company/product-security/bulletins/july-2023-bulletin

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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	Aqt1000	-	All	All	All
Operating System	Qualcomm	Aqt1000 Firmware	-	All	All	All
Hardware  	Qualcomm	Fastconnect 6200	-	All	All	All
Operating System	Qualcomm	Fastconnect 6200 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	Qca6430 Firmware	-	All	All	All
Hardware  	Qualcomm	Sa4150p	-	All	All	All
Operating System	Qualcomm	Sa4150p Firmware	-	All	All	All
Hardware  	Qualcomm	Sa4155p	-	All	All	All
Operating System	Qualcomm	Sa4155p Firmware	-	All	All	All
Hardware  	Qualcomm	Sa6155p	-	All	All	All
Operating System	Qualcomm	Sa6155p Firmware	-	All	All	All
Hardware  	Qualcomm	Sa8155p	-	All	All	All
Operating System	Qualcomm	Sa8155p Firmware	-	All	All	All
Hardware  	Qualcomm	Sa8195p	-	All	All	All
Operating System	Qualcomm	Sa8195p Firmware	-	All	All	All
Hardware  	Qualcomm	Sd855	-	All	All	All
Operating System	Qualcomm	Sd855 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 W5 Gen 1	-	All	All	All
Operating System	Qualcomm	Snapdragon W5 Gen 1 Firmware	-	All	All	All

Hardware		Sw5100	-	All	All	All
Hardware		Sw5100p	-	All	All	All
Operating System		Sw5100p Firmware	-	All	All	All
Operating System		Sw5100 Firmware	-	All	All	All
Hardware		Wcd9341	-	All	All	All
Operating System		Wcd9341 Firmware	-	All	All	All
Hardware		Wcn3980	-	All	All	All
Operating System		Wcn3980 Firmware	-	All	All	All
Hardware		Wcn3988	-	All	All	All
Operating System		Wcn3988 Firmware	-	All	All	All
Hardware		Wsa8810	-	All	All	All
Operating System		Wsa8810 Firmware	-	All	All	All
Hardware		Wsa8815	-	All	All	All
Operating System		Wsa8815 Firmware	-	All	All	All
Hardware		Wsa8830	-	All	All	All
Operating System		Wsa8830 Firmware	-	All	All	All
Hardware		Wsa8835	-	All	All	All
Operating System		Wsa8835 Firmware	-	All	All	All
cpe:2.3:h:qualcomm:aqt1000:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:aqt1000_firmware:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:fastconnect_6200:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:fastconnect_6200_firmware:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:qca6420:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:qca6420_firmware:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:qca6430:-:*:*:*:*:*:						
cpe:2.3:o:qualcomm:qca6430_firmware:-:*:*:*:*:*:						
cpe:2.3:h:qualcomm:sa4150p:-:*:*:*:*:*:						

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cpe:2.3:o:qualcomm:sa4150p_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sa4155p:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sa4155p_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sa6155p:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sa6155p_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sa8155p:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sa8155p_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:sa8195p:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sa8195p_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sd855:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sd855_firmware:-:*:*:*:*:*:*:
```

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cpe:2.3:h:qualcomm:snapdragon_855:-:*:*:*:*:*:*:
```

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cpe:2.3:h:qualcomm:snapdragon_855\+V860:-:.*:.*:.*:.*:.*:.*:.*
```

```
cpe:2.3:o:qualcomm:snapdragon_855\+v860_firmware:-:*:*:*:*:*:
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```
cpe:2.3:o:qualcomm:snapdragon_855_firmware:-:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:snapdragon_w5\+_gen_1:-:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:snapdragon_w5\+_gen_1_firmware:-:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sw5100:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:sw5100p:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:sw5100p_firmware:-:*:*:*:*:*:*:
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cpe:2.3:o:qualcomm:sw5100_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:wcd9341:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:wcd9341_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:wcn3980:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:wcn3980_firmware:-:*:*:*:*:*:*:
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cpe:2.3:h:qualcomm:wcn3988:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:wcn3988_firmware:-:*:*:*:*:*:*:
```

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cpe:2.3:h:qualcomm:wsa8810:-:*:*:*:*:*:*:
```

cpe:2.3:o:qualcomm:wsa8810_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:wsa8815:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:wsa8815_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:wsa8830:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:wsa8830_firmware:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:h:qualcomm:wsa8835:-:~::~~::~~::~~::~~::~~::~~:::
cpe:2.3:o:qualcomm:wsa8835_firmware:-:~::~~::~~::~~::~~::~~::~~:::

No vendor comments have been submitted for this CVE

Social Mentions		
Source	Title	Posted (UTC)
 @CVEreport	CVE-2023-21639 : Memory corruption in Audio while processing sva_model_serializer using memory size passed by HIDL... twitter.com/i/web/status/1...	2023-07-04 05:08:00