



CVE-2022-25733

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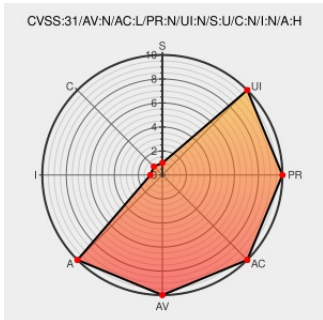
CVE-2022-25733

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Ar8031](#) from [Qualcomm](#) contain the following vulnerability:

Denial of service in modem due to null pointer dereference while processing DNS packets

CVE-2022-25733 has been assigned by [Q](#) product-security@qualcomm.com to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVE References

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

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

Denial of service in modem due to null pointer dereference while processing DNS packets CVE project by @Sn0wAlice

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware  	Qualcomm	Ar8031	-	All	All	All
Operating System	Qualcomm	Ar8031 Firmware	-	All	All	All
Hardware  	Qualcomm	Csra6620	-	All	All	All
Operating System	Qualcomm	Csra6620 Firmware	-	All	All	All
Hardware  	Qualcomm	Csra6640	-	All	All	All
Operating System	Qualcomm	Csra6640 Firmware	-	All	All	All
Hardware  	Qualcomm	Mdm8207	-	All	All	All
Operating System	Qualcomm	Mdm8207 Firmware	-	All	All	All
Hardware  	Qualcomm	Mdm9205	-	All	All	All
Operating System	Qualcomm	Mdm9205 Firmware	-	All	All	All
Hardware  	Qualcomm	Mdm9206	-	All	All	All
Operating System	Qualcomm	Mdm9206 Firmware	-	All	All	All
Hardware  	Qualcomm	Mdm9207	-	All	All	All
Operating System	Qualcomm	Mdm9207 Firmware	-	All	All	All
Hardware  	Qualcomm	Mdm9607	-	All	All	All
Operating System	Qualcomm	Mdm9607 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca4004	-	All	All	All
Operating System	Qualcomm	Qca4004 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca4010	-	All	All	All
Operating System	Qualcomm	Qca4010 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca4020	-	All	All	All
Operating System	Qualcomm	Qca4020 Firmware	-	All	All	All
Hardware  	Qualcomm	Qca4024	-	All	All	All

Operating System	Qualcomm	Qca4024 Firmware	-	All	All	All
Hardware  	Qualcomm	Qcs405	-	All	All	All
Operating System	Qualcomm	Qcs405 Firmware	-	All	All	All
Hardware  	Qualcomm	Qts110	-	All	All	All
Operating System	Qualcomm	Qts110 Firmware	-	All	All	All
Hardware  	Qualcomm	Ssg2115p	-	All	All	All
Operating System	Qualcomm	Ssg2115p Firmware	-	All	All	All
Hardware  	Qualcomm	Ssg2125p	-	All	All	All
Operating System	Qualcomm	Ssg2125p Firmware	-	All	All	All
Hardware  	Qualcomm	Sxr1230p	-	All	All	All
Operating System	Qualcomm	Sxr1230p Firmware	-	All	All	All
Hardware  	Qualcomm	Sxr2230p	-	All	All	All
Operating System	Qualcomm	Sxr2230p Firmware	-	All	All	All
Hardware  	Qualcomm	Wcd9306	-	All	All	All
Operating System	Qualcomm	Wcd9306 Firmware	-	All	All	All
Hardware  	Qualcomm	Wcd9330	-	All	All	All
Operating System	Qualcomm	Wcd9330 Firmware	-	All	All	All
Hardware  	Qualcomm	Wcd9335	-	All	All	All
Operating System	Qualcomm	Wcd9335 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	Wcn3980	-	All	All	All
Operating System	Qualcomm	Wcn3980 Firmware	-	All	All	All
Hardware  	Qualcomm	Wcn3998	-	All	All	All
Operating System	Qualcomm	Wcn3998 Firmware	-	All	All	All

Operating System	Qualcomm	Wcn3998 Firmware	-	All	All	All
Hardware 	Qualcomm	Wcn3999	-	All	All	All
Operating System	Qualcomm	Wcn3999 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	Wcn7850	-	All	All	All
Operating System	Qualcomm	Wcn7850 Firmware	-	All	All	All
Hardware 	Qualcomm	Wcn7851	-	All	All	All
Operating System	Qualcomm	Wcn7851 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	Wsa8832	-	All	All	All
Operating System	Qualcomm	Wsa8832 Firmware	-	All	All	All
Hardware 	Qualcomm	Wsa8835	-	All	All	All
Operating System	Qualcomm	Wsa8835 Firmware	-	All	All	All
cpe:2.3:h:qualcomm:ar8031:-:*~::~:						
cpe:2.3:o:qualcomm:ar8031_firmware:-:*~::~:						
cpe:2.3:h:qualcomm:csra6620:-:*~::~:						
cpe:2.3:o:qualcomm:csra6620_firmware:-:*~::~:						
cpe:2.3:h:qualcomm:csra6640:-:*~::~:						
cpe:2.3:o:qualcomm:csra6640_firmware:-:*~::~:						

cpe:2.3:h:qualcomm:sxr223Up:-:::~::~:

```
cpe:2.3:o:qualcomm:sxr2230p_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:wcd9306:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:wcd9306_firmware:-:*:*:*:*:*:*
```

```
cpe:2.3:h:qualcomm:wcd9330:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:wcd9330_firmware:-:*:*:*:*:*:*:
```

```
cpe:2.3:h:qualcomm:wcd9335:-:*:*:*:*:*:*:
```

```
cpe:2.3:o:qualcomm:wcd9335_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:wcd9380:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:wcd9380_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:wcd9385:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:wcd9385_firmware:-:*:*:*:*:*:*
```

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

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

cpe:2.3:h:qualcomm:wcn3998:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:wcn3998_firmware:-:*:*:*:*:*
```

cpe:2.3:h:qualcomm:wcn3999:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:wcn3999_firmware:-:*:*:*:*:*:*
```

cpe:2.3:h:qualcomm:wcn6855:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:wcn6855_firmware:-:*:*:*:*:*:*
```

cpe:2.3:h:qualcomm:wcn6856:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:wcn6856_firmware:-:*:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:wcn7850:-:*:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:wcn7850_firmware:-:*:*:*:*:*:
```

cpe:2.3:h:qualcomm:wcn7851:-:*:*:*:*:*:

```
cpe:2.3:o:qualcomm:wcn7851_firmware:-:*:*:*:*:*:
```

```
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:wsa8832:-:~::~~::~~::~~::~~::~~::~~::
cpe:2.3:o:qualcomm:wsa8832_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-2022-25733 : Denial of service in modem due to null pointer dereference while processing DNS packets... cve.report/CVE-2022-25733	2023-02-12 04:06:51
 @JohnJasonFallow	New vulnerability on the NVD: CVE-2022-25733 ift.tt/RHL3h9I	2023-02-12 06:11:09
 @doogsineerg	New vulnerability on the NVD: CVE-2022-25733 ift.tt/oKZR36S	2023-02-12 06:33:27
 @xanadulinux	CVE-2022-25733 ift.tt/9qRJm7P	2023-02-12 06:52:26
 @RedPacketSec	Qualcomm Chipsets denial of service CVE-2022-25733 - redpacketsecurity.com/qualcomm-chips... #CVE #Vulnerability #OSINT #ThreatIntel #Cyber	2023-02-12 10:03:27
 /r/netcve	CVE-2022-25733	2023-02-12 04:38:15
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