



CVE-2022-40279

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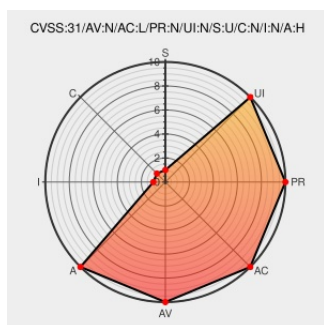
CVE-2022-40279

Source: Mitre

Source: NIST

CVE.ORG

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Certain versions of [Tizenrt](#) from [Samsung](#) contain the following vulnerability:

An issue was discovered in Samsung TizenRT through 3.0_GBM (and 3.1_PRE). `l2_packet_receive_timeout` in `wpa_supplicant/src/l2_packet/l2_packet_pcap.c` has a missing check on the return value of `pcap_dispatch`, leading to a denial of service (malfunction).

CVE-2022-40279 has been assigned by [M](#) cve@mitre.org 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
TizenRT/l2_packet_pcap.c at f8f776dd183246ad8890422c1ee5e8f33ab2aaaf · Samsung/TizenRT · GitHub	github.com text/html	MISC github.com/Samsung/TizenRT/blob/f8f776dd183246ad8890422c1ee5e8f33ab2aaaf/src/l2_packet/l2_packet_pcap.c
cve-website	www.cve.org text/html	MISC www.cve.org/CVERecord?id=CVE-2022-40279
Security: Malfunction in function <code>l2_packet_receive_timeout()</code> · Issue #5629 · Samsung/TizenRT · GitHub	github.com text/html	MISC github.com/Samsung/TizenRT/issues/5629
pcap_dispatch(3) - Linux man page	linux.die.net text/html	MISC linux.die.net/man/3/pcap_dispatch

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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
Operating System	Samsung	Tizenrt	1.0	m1	All	All
Operating System	Samsung	Tizenrt	1.1	All	All	All
Operating System	Samsung	Tizenrt	2.0	gbm_m1	All	All
Operating System	Samsung	Tizenrt	2.0	m2	All	All
Operating System	Samsung	Tizenrt	3.0	gbm	All	All
Operating System	Samsung	Tizenrt	3.1	pre	All	All
cpe:2.3:o:samsung:tizenrt:1.0:m1:*****:						
cpe:2.3:o:samsung:tizenrt:1.1:*****:						
cpe:2.3:o:samsung:tizenrt:2.0:gbm_m1:*****:						
cpe:2.3:o:samsung:tizenrt:2.0:m2:*****:						
cpe:2.3:o:samsung:tizenrt:3.0:gbm:*****:						
cpe:2.3:o:samsung:tizenrt:3.1:pre:*****:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-40279 : An issue was discovered in Samsung TizenRT through 3.0_GBM and 3.1_PRE . l2_packet_receive_timeou... twitter.com/i/web/status/1...	2022-09-29 03:02:09
 @Inceptus3	New Vulnerability: CVE-2022-40279 #InceptusSecure #UnderOurProtection	2022-09-29 05:19:09
 /r/netcve	CVE-2022-40279	2022-09-29 03:38:53

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