

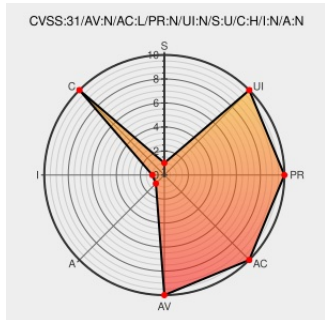


CVE-2022-40281

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CVE-2022-40281

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

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). cyassl_connect_step2 in curl/vtls/cyassl.c has a missing X509_free after SSL_get_peer_certificate, leading to information disclosure.

CVE-2022-40281 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	HIGH	NONE	NONE

CVE References

Description	Tags	Link
/docs/man1.1.1/man3/SSL_get_peer_certificate.html	www.openssl.org text/html	MISC www.openssl.org/docs/man1.1.1/man3/SSL_get_peer_certificate.html
Security: Privacy leakage in function cyassl_connect_step2() · Issue #5626 · Samsung/TizenRT · GitHub	github.com text/html	MISC github.com/Samsung/TizenRT/issues/5626
TizenRT/cyassl.c at f8f776dd183246ad8890422c1ee5e8f33ab2aaaf · Samsung/TizenRT · GitHub	github.com text/html	MISC github.com/Samsung/TizenRT/blob/f8f776dd183246ad8890422c1ee5e8f33ab2aaaf/TizenRT/cyassl.c

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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
Operating System	Samsung	Tizenrt	2.0	-	All	All
Operating System	Samsung	Tizenrt	3.0	gbm	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:-::~~::~~::~~::						
cpe:2.3:o:samsung:tizenrt:3.0:gbm:~::~~::~~::						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-40281 : An issue was discovered in Samsung TizenRT through 3.0_GBM and 3.1_PRE . cyassl_connect_step2 in... twitter.com/i/web/status/1...	2022-09-08 22:05:09
/r/netcve	CVE-2022-40281	2022-09-08 23:38:44

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