

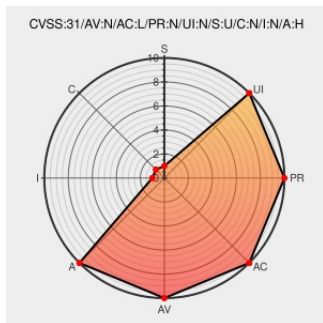


CVE-2022-40278

Published on: Not Yet Published

Last Modified on: 09/30/2022 08:04:00 PM UTC

CVE-2022-40278

[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). createDB in security/provisioning/src/provisioningdatabasemanager.c has a missing sqlite3_free after sqlite3_exec, leading to a denial of service.

CVE-2022-40278 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/provisioningdatabasemanager.c at f8f776dd183246ad8890422c1ee5e8f33ab2aaaf · Samsung/TizenRT · GitHub	github.com text/html	MISC github.com/Samsung/TizenRT/blob/f8f776dd183246ad8890422c1ee5e8f3rel/resource/csdk/security/provisioning/src/provisioningdatabasemanager.c
Security: DoS vulnerability in function createDB() · Issue #5628 · Samsung/TizenRT · GitHub	github.com text/html	MISC github.com/Samsung/TizenRT/issues/5628
TizenRT/provisioningdatabasemanager.c at f8f776dd183246ad8890422c1ee5e8f33ab2aaaf · Samsung/TizenRT · GitHub	github.com text/html	MISC github.com/Samsung/TizenRT/blob/f8f776dd183246ad8890422c1ee5e8f3rel/resource/csdk/security/provisioning/src/provisioningdatabasemanager.c
cve-website	www.cve.org text/html	MISC www.cve.org/CVERecord?id=CVE-2022-40278
One-Step Query Execution Interface	www.sqlite.org text/html	MISC www.sqlite.org/c3ref/exec.html

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

An issue was discovered in Samsung TizenRT through 3.0_GBM (and 3.1_PRE). createDB in security/provisioning/src/provi...

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-2022-40278 : An issue was discovered in Samsung TizenRT through 3.0_GBM and 3.1_PRE . createDB in security/pro... twitter.com/i/web/status/1...	2022-09-29 03:01:54

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