

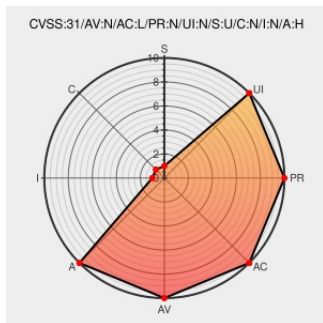


# CVE-2022-40280

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## CVE-2022-40280

[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\_close after sqlite3\_open\_v2, leading to a denial of service.

CVE-2022-40280 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    |
|------------------|------------------------|---------------------|---------------------|
| <b>NETWORK</b>   | <b>LOW</b>             | <b>NONE</b>         | <b>NONE</b>         |
| Scope            | Confidentiality Impact | Integrity Impact    | Availability Impact |
| <b>UNCHANGED</b> | <b>NONE</b>            | <b>NONE</b>         | <b>HIGH</b>         |

## CVE References

| Description                                                                                                  | Tags                                                        | Link                                                                                                                                                                                                                                                                                                           |
|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TizenRT/provisioningdatabasemanager.c at f8f776dd183246ad8890422c1ee5e8f33ab2aaaf · Samsung/TizenRT · GitHub | <a href="#">github.com</a><br><a href="#">text/html</a>     | MISC <a href="https://github.com/Samsung/TizenRT/blob/f8f776dd183246ad8890422c1ee5e8f3rel/resource/csdk/security/provisioning/src/provisioningdatabasemanager.c">github.com/Samsung/TizenRT/blob/f8f776dd183246ad8890422c1ee5e8f3rel/resource/csdk/security/provisioning/src/provisioningdatabasemanager.c</a> |
| Security: DoS vulnerability in function createDB() · Issue #5627 · Samsung/TizenRT · GitHub                  | <a href="#">github.com</a><br><a href="#">text/html</a>     | MISC <a href="https://github.com/Samsung/TizenRT/issues/5627">github.com/Samsung/TizenRT/issues/5627</a>                                                                                                                                                                                                       |
| Opening A New Database Connection                                                                            | <a href="#">www.sqlite.org</a><br><a href="#">text/html</a> | MISC <a href="https://www.sqlite.org/c3ref/open.html">www.sqlite.org/c3ref/open.html</a>                                                                                                                                                                                                                       |

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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                                                                              | <a href="#">Samsung</a>                                                                                                                                                                                 | <a href="#">Tizenrt</a> | 1.0                       | m1     | All     | All                 |
| Operating System                                                                              | <a href="#">Samsung</a>                                                                                                                                                                                 | <a href="#">Tizenrt</a> | 1.1                       | -      | All     | All                 |
| Operating System                                                                              | <a href="#">Samsung</a>                                                                                                                                                                                 | <a href="#">Tizenrt</a> | 2.0                       | -      | All     | All                 |
| Operating System                                                                              | <a href="#">Samsung</a>                                                                                                                                                                                 | <a href="#">Tizenrt</a> | 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-2022-40280 : An issue was discovered in Samsung TizenRT through 3.0_GBM and 3.1_PRE . createDB in security/pro... <a href="https://twitter.com/i/web/status/1...">twitter.com/i/web/status/1...</a> |                         |                           |        |         | 2022-09-08 22:04:45 |
|  /r/netcve  | <a href="#">CVE-2022-40280</a>                                                                                                                                                                          |                         |                           |        |         | 2022-09-08 23:38:44 |
| <a href="#">← Previous ID</a>                                                                 |                                                                                                                                                                                                         |                         | <a href="#">Next ID →</a> |        |         |                     |