



# CVE-2022-39828

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

|                        |                                                                                                                     |
|------------------------|---------------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2022-39828                                                                                                      |
| <b>State</b>           | PUBLIC                                                                                                              |
| <b>Assigner</b>        | cve@mitre.org                                                                                                       |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                                        |
| <b>Published</b>       | 2022-09-05 04:15:00 UTC                                                                                             |
| <b>Updated</b>         | 2022-09-08 03:49:00 UTC                                                                                             |
| <b>Description</b>     | sign_pFwInfo in Samsung mTower through 0.3.0 has a missing check on the return value of EC_KEY_set_private_key, lea |

## Risk And Classification

**Problem Types:** NVD-CWE-noinfo

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                  | Product                | Version | Update | Edition | Language |
|-------------|-------------------------|------------------------|---------|--------|---------|----------|
| Application | <a href="#">Samsung</a> | <a href="#">Mtower</a> | All     | All    | All     | All      |

## References

| Reference                                                                                                        | Source  | Link                       |
|------------------------------------------------------------------------------------------------------------------|---------|----------------------------|
| /docs/manmaster/man3/EC_KEY_set_private_key.html                                                                 | MISC    | <a href="#">www.ope</a>    |
| Security: Lacking a check for the return value of EC_KEY_set_private_key() · Issue #76 · Samsung/mTower · GitHub | MISC    | <a href="#">github.co</a>  |
| mTower/fwinfo.c at 18f4b592a8a973ce5972f4e2658ea0f6e3686284 · Samsung/mTower · GitHub                            | MISC    | <a href="#">github.co</a>  |
| CVE Program record                                                                                               | CVE.ORG | <a href="#">www.cve</a>    |
| NVD vulnerability detail                                                                                         | NVD     | <a href="#">nvd.nist.g</a> |

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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