



CVE-2022-36622

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

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

Samsung Electronics mTower v0.3.0 and earlier was discovered to contain a NULL pointer dereference via the function TEE_GetObjectInfo1.

CVE-2022-36622 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
mTower/tee_api_objects.c at 18f4b592a8a973ce5972f4e2658ea0f6e3686284 · Samsung/mTower · GitHub	github.com text/html	MISC github.com/Samsung/mTower/blob/18f4b592a8a973ce5972f4e2658ea0f6e3686284/mTower/tee_api_objects.c
mTower/tee_svc.c at 18f4b592a8a973ce5972f4e2658ea0f6e3686284 · Samsung/mTower · GitHub	github.com text/html	MISC github.com/Samsung/mTower/blob/18f4b592a8a973ce5972f4e2658ea0f6e3686284/mTower/tee_svc.c
Samsung Mobile Security	security.samsungmobile.com text/html	MISC security.samsungmobile.com/securityUpdate.smsb
GitHub - Samsung/mTower: mTower is Trusted Execution Environment specially designed to be used on MicroController Units (MCUs) supporting ARM TrustZone technology (e.g., Cortex-M23/33/35p). mTower operates well under restrictions typical for such environment –	github.com text/html	MISC github.com/Samsung/mTower

under restrictions typical for such environment. small RAM and ROM sizes, relatively low performance, absence of rich OSes providing variety of services available on PCs or in enterprise environments. mTower is intended for usage in IoT, embedded devices, Smart Home applications, distributed heterog

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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
Application	Samsung	Mtower	All	All	All	All

cpe:2.3:a:samsung:mtower:*****:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-36622 : Samsung Electronics mTower v0.3.0 and earlier was discovered to contain a NULL pointer dereference... twitter.com/i/web/status/1...	2022-09-01 21:09:17
 /r/netcve	CVE-2022-36622	2022-09-01 21:39:12

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