CVE-2022-36622

Published on: Not Yet Published

Last Modified on: 09/07/2022 01:58:00 PM UTC

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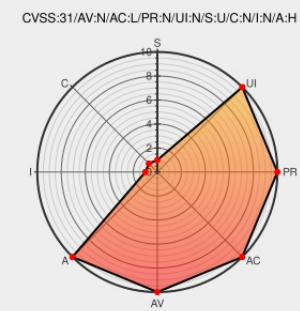
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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 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/18f4b592a8a973ce5972f4
mTower/tee_svc.c at 18f4b592a8a973ce5972f4e2658ea0f6e3686284 · Samsung/mTower · GitHub	github.com text/html	MISC github.com/Samsung/mTower/blob/18f4b592a8a973
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

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

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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