**Category:** OSINT
**Challenge:** Find the Tower

Write-up:

We are given a file that contains three parameters, eNB ID, MCC, and MNC. We need to find the latitude and longitude of that specific cell tower. After doing some research about MNC and MCC, one can access an MNC MCC list. https://cellidfinder.com/mcc-mnc

When we search the parameters given to us, one can understand that those MCC and MNC ID's are for Turk Telekom in Turkey.

**Turkey**

| MCC | MNC | Network | Operator or brand name | Status |
|---|---|---|---|---|
| 286 | 1 | Turkcell Iletisim Hizmetleri A.S. | Turkcell | Operational |
| 286 | 2 | Vodafone | Vodafone | Operational |
| 286 | 3 | Turk Telekom | Turk Telekom | Operational |
| 286 | 4 | Aycell | Aycell | Inactive |

After searching for a cell map, one can reach a website called cell mapper.

After figuring out what those values are, we can quickly get the cell tower's location by looking at the https://www.cellmapper.net/ website.

First of all, we are selecting Turk Telekom; after that, we are given all of the cell towers for Turk Telekom. And now, entering an eNB ID should provide us the exact location of that cell tower.

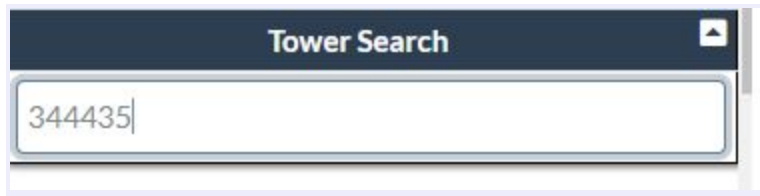**Select Provider**

Provider

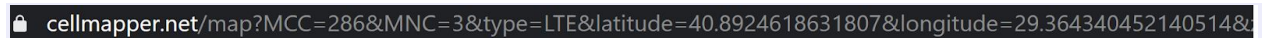Turk Telekom - 2863 ∨

Network

4G - LTE ∨

Band

All Bands ∨

We are entering the tower ID to the website and search.



One can see the latitude and longitude in the URL



**Flag is: SUCTF{40.9,29.3}**