

Capture 1

1. We have been given a pcap file. Let us just check if there is any flag directly written in it.
2. Using: *strings file.pcapng*

```
0SAflag{h3r3_7t_i5}
```

flag{h3r3_7t_i5}

3. It was a fake flag
4. Some pattern can be noticed here: **dot, dash, space in repeat.**

```
spacegAE
space
dash
space
!"#$%&'()*+,-./01234567
_r@#C
!"#$%&'()*+,-./01234567
dotJ
dash
dash
space
dash
dotm
space!
dash
dash
space
dash
```

Looks like some morse code.

5. Going back to wiresharks, and filtering dot dash, i got the protocol ICMP
6. Going to all the packets one by one after filtering them using length, it did have dot dash space in different packets!
7. Writing it all at one and decoding rom the Morse code

Got the flag{t3l3gr4m_ftw}