

I filtered the packets by **tcp.port eq 20** because I saw a packet with the destination port **1337**, I copied all the destination ports with the following command :

```
tshark -r flag.pcap -Y "tcp.srcport == 20" -T fields -e tcp.dstport > ports.txt
```

I found out that all the ports assembled creates a hex message (because the first **2 packets** make number **63**, which is C in Hex from **CTF**) and we have to replace 1337 (2 packets) with the correct hex :

The first screenshot shows a hex editor with the 'Find / Replace' tab active. The 'Find' field contains '\n' and the 'Replace' field is empty. The 'From Hex' section shows the 'Delimiter' set to 'Auto'. The 'Input' field contains a long hex string: 63746671337326630653533666165323537326333353862383262646466366430326234613533313563343533643264396131646637393134626466666536653631616171337. The 'Output' field shows the result of the replacement: |ctfq3s&c&SS6fynS#Ss&33S*#*&&FFFcfCm&#FdcS3ociV63CS6C&C•dc3ynFcS•ociF&FffSfScsyn3NET8C17.

The second screenshot shows the same hex editor with the 'Find' field still containing '\n' and the 'Replace' field still empty. The 'Input' field contains the same hex string. The 'Output' field shows the result of the replacement: |ctf{2f0e53fae2572c358b82bddd6d02b4a5315cc453d2d9a1df7914bdffe6e61aa}.

The 'Text Compare!' application shows two hex strings side-by-side for comparison. The left string is: 63746671337326630653533666165323537326333353862383262646466366430326234613533313563343533643264396131646637393134626466666536653631616171337. The right string is: 6374667B32663065353366616532353732633335386238326264646636643032623461353331356334353364326439613164663739313462646666653665363161617D. The application has buttons for 'Email this comparison', 'Edit texts ...', 'Switch texts', 'Compare!', and 'Clear all'.

THE FLAG : ctf{2f0e53fae2572c358b82bddd6d02b4a5315cc453d2d9a1df7914bdffe6e61aa}
~Z4que