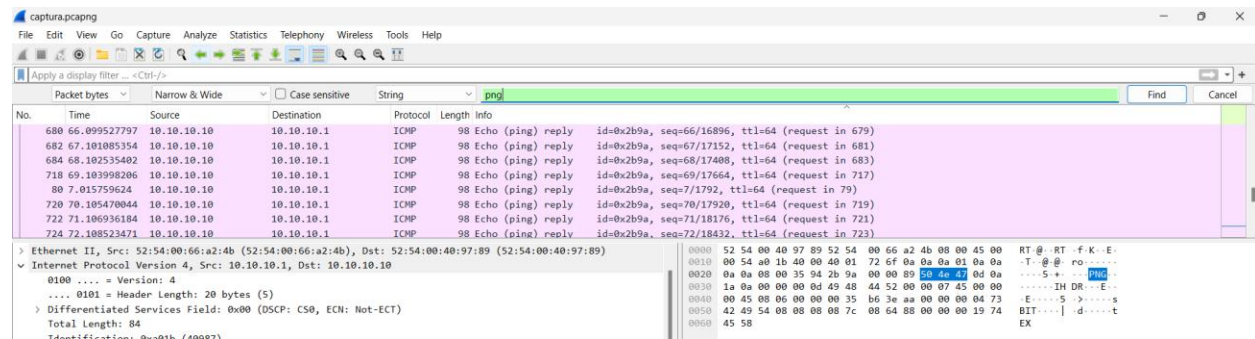


Since we know we are looking for a screenshot, which are usually png's, we can assume that we can find the header of the file by searching for the string PNG, as from the challenge description it seems the transfer wasn't made safely.



ICMP? That's weird. Turns out, ICMP allows the user to send arbitrary data when ping. Therefore, we need to extract, hex decode and concatenate all the "data" fields of the ICMP packets (only request or only response):

```
tshark -r captura.pcapng -Y "icmp.type == 8" -T fields -e data | xxd -r -p > image.png
```

After this, we have a valid png which contains the password....?

In this case, we are dealing with a type 7 cisco password, which is not encrypted, rather just obfuscated, since it is easily reversible, no bruteforce needed. A website like <https://ccnax.com/cisco-type-7-password-decryption/> easily reveals the flag.

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