

## dns

f56d299eab2b

## tcp

2a05641ec0bd

## udp

f1e05713a09c

## curl

9b84c3f9c452

## http

ca085ad52729

## report

1) Команда запроса:  
curl -H "Content-Type: application/json" -H "X-Access-Token: f784e616d0a3" -X PATCH -d '{"text\\":\\"5c08ad9aff0d\\"}' http://10.8.0.1:8080/db1cf4064433?do=be93856d1aa6  
2) Переходим на сайт: <https://mxtoolbox.com/SuperTool.aspx>  
3) Там вводим вот это: e8b31f6fa760.digital-culture-networking.melnikov.ch  
4) Нажимаем на: TXT Lookup  
5) Добавляем адрес (10.8.0.214): route add  
6) Получаем датаграмму с помощью Wireshark.

## tcp\_solution

```
import socket
def client_program():
    host = "10.8.0.1"
    port = 1234
    client_socket = socket.socket()
    client_socket.connect((host, port))
    for i in range(4):
        data = client_socket.recv(1024).decode()
        print(data)
    n = 0
    while n != 60:
        task = client_socket.recv(1024).decode()
        solve = str(eval(task.replace(" ", "")))
        client_socket.send(solve.encode())
        correct = client_socket.recv(1024).decode()
        n += 1
    data = client_socket.recv(1024).decode()
    print(data)
    data = client_socket.recv(1024).decode() # this is what we actually need
    print(data)

if __name__ == '__main__':
    client_program()
```

## http\_solution

```
#!/bin/bash
counter=1
while [ $counter -le 10000 ]
do
echo $counter
curl -b cookie.txt -c cookie.txt -X POST http://10.8.0.1/
((counter++))
done
curl -b cookie.txt -X GET http://10.8.0.1/
echo Ready
```