1. Based on the last result, find out which operating system it belongs to. Submit the name of the operating system as result.

Kết quả cuối cùng là đây :

```bash

quockhanh020903@htb[/htb]**$** sudo nmap 10.129.2.18 -sn -oA host -PE --packet-trace --disable-arp-ping

Starting Nmap 7.80 ( https://nmap.org ) at 2020-06-15 00:12 CEST

SENT (0.0107s) ICMP [10.10.14.2 > 10.129.2.18 Echo request (type=8/code=0) id=13607 seq=0] IP [ttl=255 id=23541 iplen=28 ]

RCVD (0.0152s) ICMP [10.129.2.18 > 10.10.14.2 Echo reply (type=0/code=0) id=13607 seq=0] IP [ttl=128 id=40622 iplen=28 ]

Nmap scan report for 10.129.2.18

Host is up (0.086s latency).

MAC Address: DE:AD:00:00:BE:EF

Nmap done: 1 IP address (1 host up) scanned in 0.11 seconds

```

Hint : Dựa vào thông số time to live(ttl)

A screenshot of a computer

Description automatically generated

Ta có máy chạy lệnh có ttl = 128 ứng với windows

P/s:windows