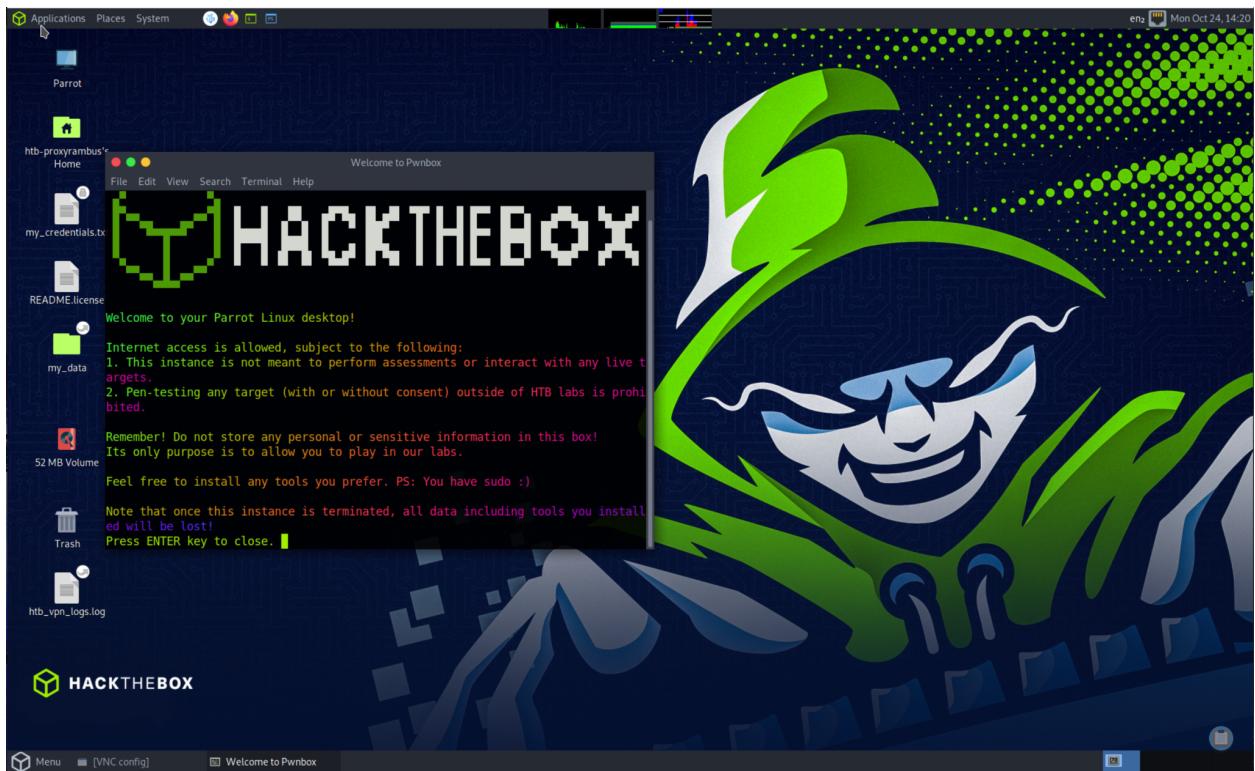


Connect to Starting Point VPN before starting the machine



## Task 1

What does the acronym VM stand for?

A screenshot of a task interface. On the left, there is a vertical sidebar with a checkmark icon and the text "TASK 1". The main area contains a question: "What does the acronym VM stand for?". Below the question, there is a text input field containing "\*\*\*\*\*e" and a flag icon. Underneath the input field, the correct answer "Virtual Machine" is displayed in green text, followed by a "Hide Answer" link.

## Task 2

What tool do we use to interact with the operating system in order to issue commands via the command line, such as the one to start our VPN connection? It's also known as a console or shell.

A screenshot of a terminal window titled "TASK 2". The question asks: "What tool do we use to interact with the operating system in order to issue commands via the command line, such as the one to start our VPN connection? It's also known as a console or shell." Below the question, there is a text input field containing "\*\*\*\*\*1" and a "Flag" icon. Underneath the input field, the word "Terminal" is displayed in green, followed by a "Hide Answer" link.

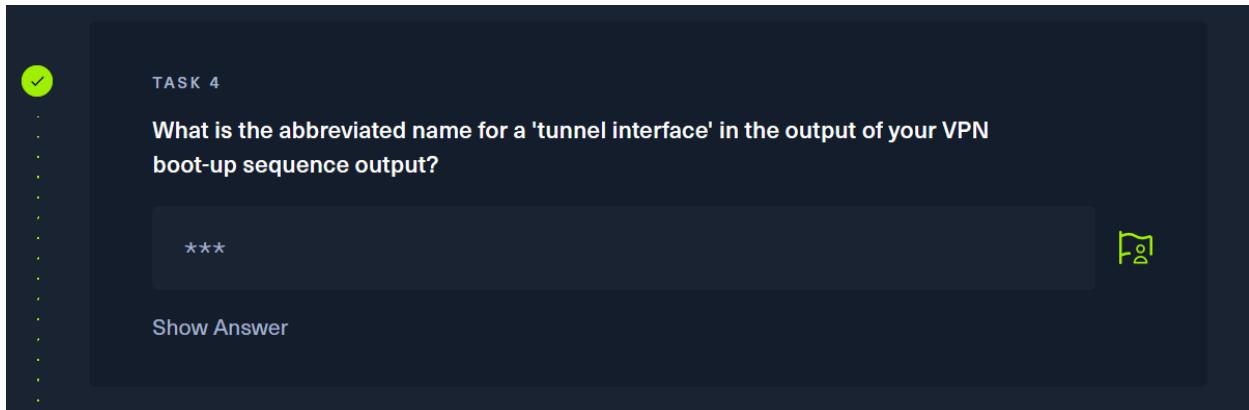
## Task 3

What service do we use to form our VPN connection into HTB labs?

A screenshot of a terminal window titled "TASK 3". The question asks: "What service do we use to form our VPN connection into HTB labs?" Below the question, there is a text input field containing "\*\*\*\*\*n" and a "Flag" icon. Underneath the input field, the word "OpenVPN" is displayed in green, followed by a "Hide Answer" link.

## Task 4

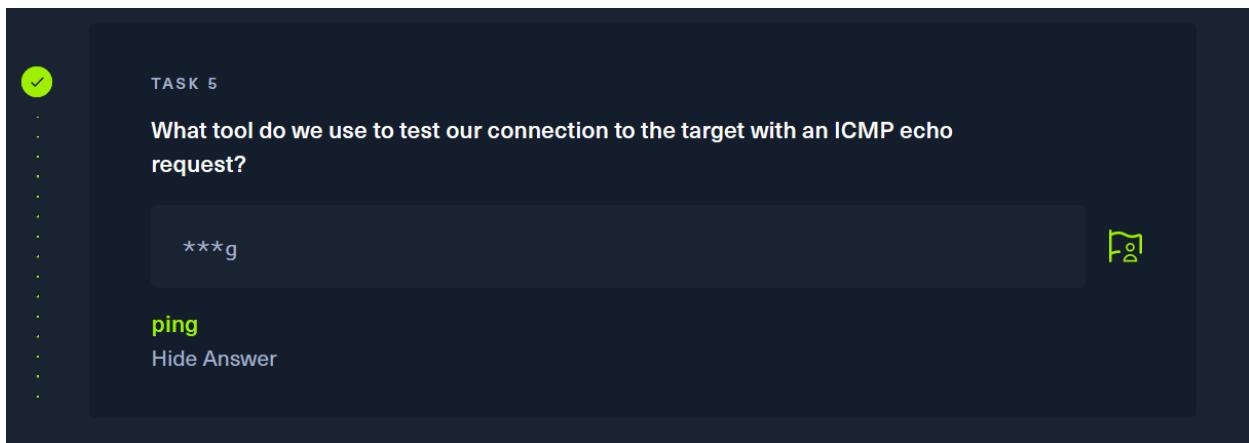
What is the abbreviated name for a 'tunnel interface' in the output of your VPN boot-up sequence output?



A screenshot of a digital task card for 'TASK 4'. The card has a dark background with white text. In the top-left corner is a green circular icon with a white checkmark. To its right, the text 'TASK 4' is centered. Below this, a question is displayed: 'What is the abbreviated name for a 'tunnel interface' in the output of your VPN boot-up sequence output?'. A text input field contains the answer '\*\*\*'. In the bottom-right corner of the input field is a small icon of a person inside a speech bubble. Below the input field, the text 'Show Answer' is visible.

## Task 5

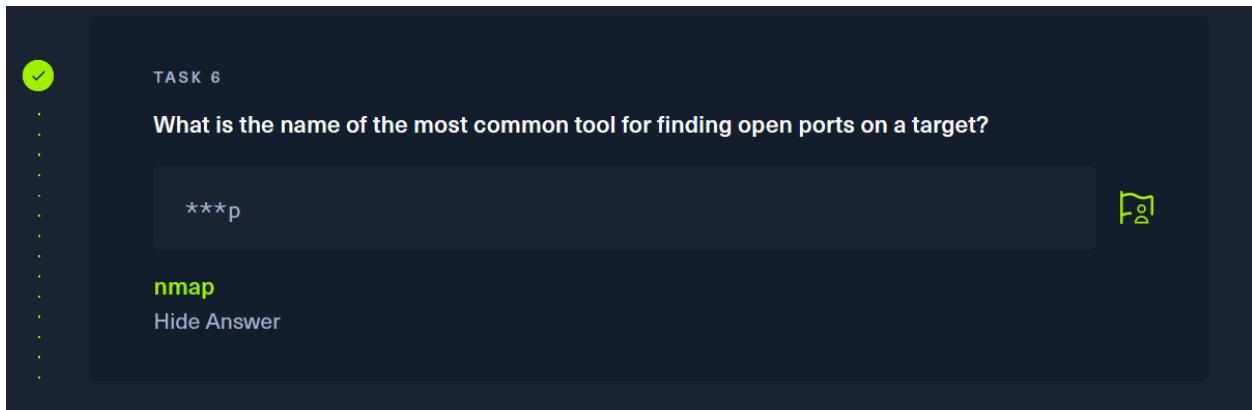
What tool do we use to test our connection to the target with an ICMP echo request?



A screenshot of a digital task card for 'TASK 5'. The card has a dark background with white text. In the top-left corner is a green circular icon with a white checkmark. To its right, the text 'TASK 5' is centered. Below this, a question is displayed: 'What tool do we use to test our connection to the target with an ICMP echo request?'. A text input field contains the answer '\*\*\*g'. In the bottom-right corner of the input field is a small icon of a person inside a speech bubble. Below the input field, the text 'ping' is displayed in green, followed by 'Hide Answer'.

## Task 6

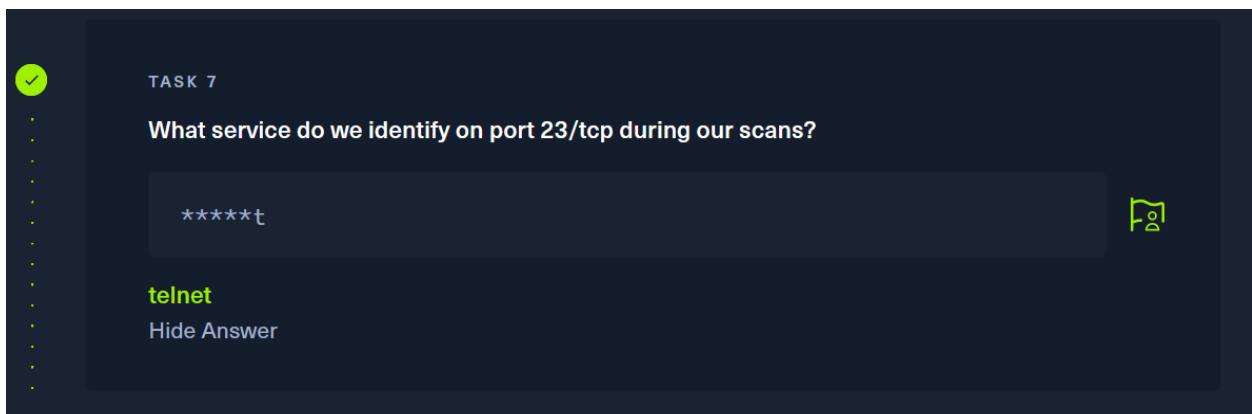
What is the name of the most common tool for finding open ports on a target?



A screenshot of a digital task interface. On the left, there's a vertical sidebar with a green checkmark icon at the top, followed by several grey dots. In the center, the text "TASK 6" is displayed above a question: "What is the name of the most common tool for finding open ports on a target?". Below the question is a text input field containing "\*\*\*p". To the right of the input field is a small green flag icon with a white question mark. Underneath the input field, the correct answer "nmap" is shown in green text, followed by a "Hide Answer" link.

## Task 7

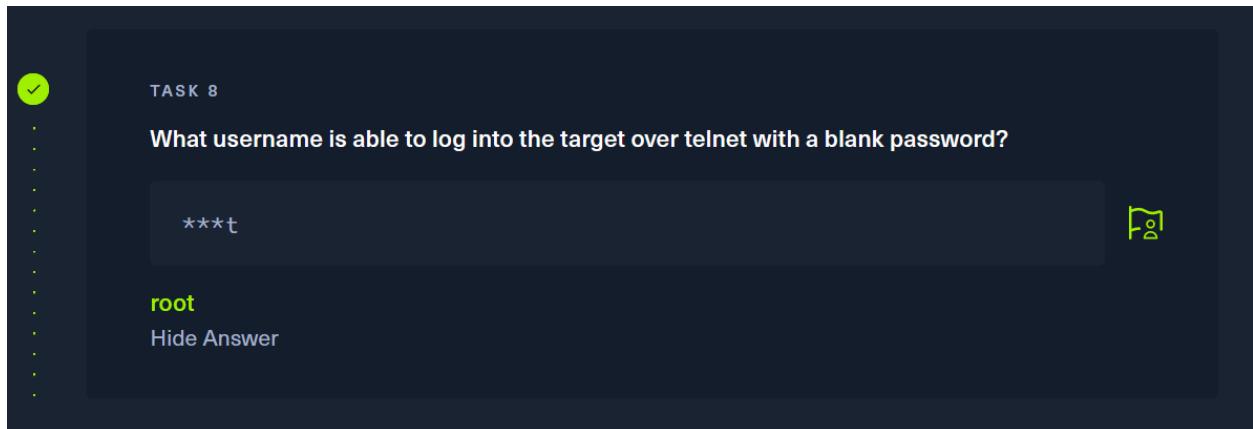
What service do we identify on port 23/tcp during our scans?



A screenshot of a digital task interface. On the left, there's a vertical sidebar with a green checkmark icon at the top, followed by several grey dots. In the center, the text "TASK 7" is displayed above a question: "What service do we identify on port 23/tcp during our scans?". Below the question is a text input field containing "\*\*\*\*\*t". To the right of the input field is a small green flag icon with a white question mark. Underneath the input field, the correct answer "telnet" is shown in green text, followed by a "Hide Answer" link.

## Task 8

What username is able to log into the target over telnet with a blank password?



[Submit Flag](#)

[Submit root flag](#)

With the answers that we provided in the previous tasks gives us hints to attack the machine. Task 8 says “able to log into the target over telnet with blank password”. So we will attempt to connect to the machine using telnet and assuming the password is root.

A screenshot of a terminal window. The title bar says "Hack the Box". The terminal output shows:

```
Meow login: root
Welcome to Ubuntu 20.04.2 LTS (GNU/Linux 5.4.0-77-generic x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

System information as of Mon 24 Oct 2022 01:57:32 PM UTC

System load:          0.0
Usage of /:            41.7% of 7.75GB
Memory usage:          4%
Swap usage:            0%
Processes:             138
Users logged in:      0
IPv4 address for eth0: 10.129.213.94
IPv6 address for eth0: dead:beef::250:56ff:feb9:e2
```

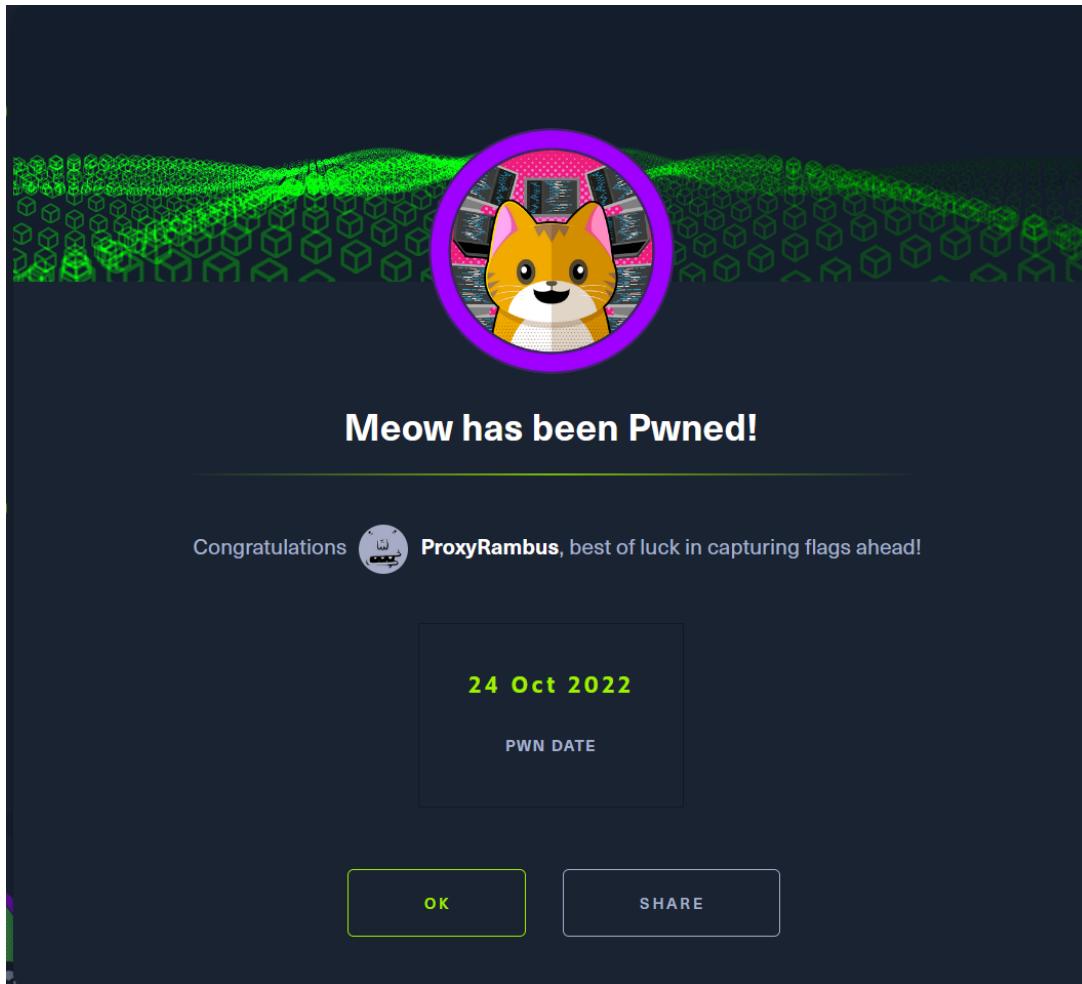
The login root allowed us to sign in so lets see if we are able to execute commands and if so lets check the directory.

```
Last login: Mon Sep  6 15:15:23 UTC 2021 from 10.10.14.18 on pts/0
root@Meow:~# ls
flag.txt  snap
root@Meow:~#
```

In the root directory we are able to see a document called flag.txt lets see if we can open that text document using nano.



We have the flag lets go ahead and input that into the submit root flag document.



That flag that we had just submitted was the correct flag to pwn Meow.