Lab4

Meow

TASK 1

What does the acronym VM stand for?

Virtual Machine

TASK 2

What tool do we use to interact with the operating system in order to start our VPN connection?

terminal

TASK 3

What service do we use to form our VPN connection?

openvpn

TASK 4

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

tun

TASK 5

What tool do we use to test our connection to the target?

ping

TASK 6

What is the name of the tool we use to scan the target's ports?

nmap

TASK 7

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

telnet

TASK 8

What username ultimately works with the remote management login prompt for the target?

root

SUBMIT FLAG

Submit root flag

HTB{b40abdfe23665f766f9c61ecba8a4c19}


```
* Super-optimized for small spaces - read how we shrank the memory
  footprint of MicroK8s to make it the smallest full K8s around.

  https://ubuntu.com/blog/microk8s-memory-optimisation

75 updates can be applied immediately.
31 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable


The list of available updates is more than a week old.
To check for new updates run: sudo apt update

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:~# cat flag.txt
b40abdfe23665f766f9c61ecba8a4c19
root@Meow:~#
```

Fawn

TASK 1

What does the 3-letter acronym FTP stand for?

File Transfer Protocol

TASK 2

What communication model does FTP use, architecturally speaking?

Client-Server model

TASK 3

What is the name of one popular GUI FTP program?

FileZilla

TASK 4

Which port is the FTP service active on usually?

21 tcp

TASK 5

What acronym is used for the secure version of FTP?

SFTP

TASK 6

What is the command we can use to test our connection to the target?

ping

TASK 7

From your scans, what version is FTP running on the target?

vsftpd 3.0.3

TASK 8

From your scans, what OS type is running on the target?

unix

SUBMIT FLAG

Submit root flag

HTB{035db21c881520061c53e0536e44f815}

```
→ /home/gardra ftp 10.129.6.53
Connected to 10.129.6.53.
220 (vsFTPd 3.0.3)
Name (10.129.6.53:gardra): anonymous
331 Please specify the password.
Password:
230 Login successful.
Remote system type is UNIX.
Using binary mode to transfer files.
ftp> ls
200 PORT command successful. Consider using PASV.
150 Here comes the directory listing.
-rw-r--r--    1 0        0              32 Jun 04  2021 flag.txt
226 Directory send OK.
ftp> cat flag.txt
?Invalid command
ftp> get flag.txt
local: flag.txt remote: flag.txt
200 PORT command successful. Consider using PASV.
150 Opening BINARY mode data connection for flag.txt (32 bytes).
226 Transfer complete.
32 bytes received in 0.00 secs (13.1247 kB/s)
ftp> ^C
ftp>
221 Goodbye.
→ /home/gardra cat flag.txt
035db21c881520061c53e0536e44f815%
→ /home/gardra
```