LinkedIn: Kelvin Kimotho

Fawn machine tier 0 HackTheBox

Question: What does the 3-letter acronym FTP stand for?

Answer: file transfer protocol

Question: Which port does the FTP service listen on usually?

Answer: 21

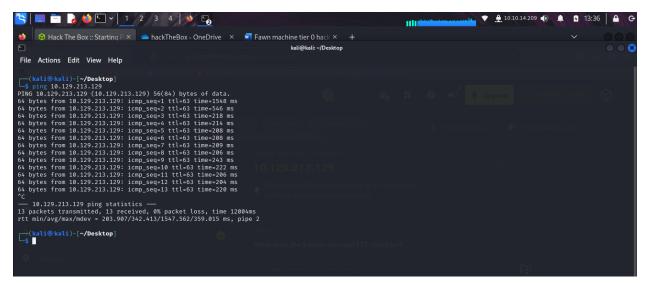
Question: FTP sends data in the clear, without any encryption. What acronym is used for a later protocol designed to provide similar functionality to FTP but securely, as an extension of the SSH protocol?

Answer: SFTP

Question: What is the command we can use to send an ICMP echo request to test our connection to the target?

Answer: ping

I ran ping < TargetIp > Command.



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

Answer: vsftpd 3.0.3

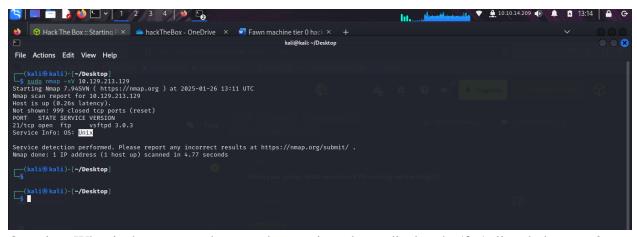
After running the sudo nmap –sV <targetIp> command, I was able to retrieve information about the version of services running in the server as well as the version of the operating system running the ftp server.



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

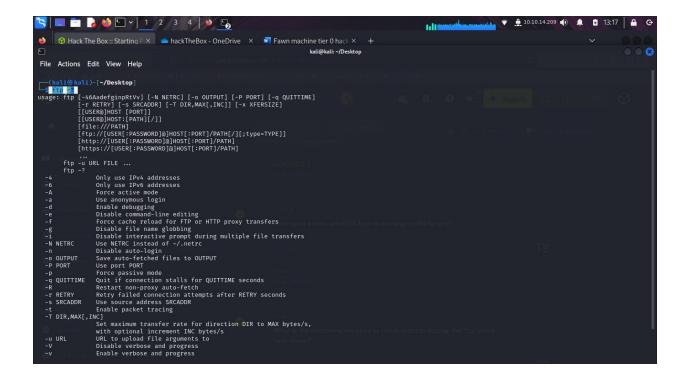
Answer: Unix

After running the sudo nmap –sV <targetIp> command, I was able to retrieve information about the version of services running in the server as well as the version of the operating system running the ftp server.



Question: What is the command we need to run in order to display the 'ftp' client help menu?

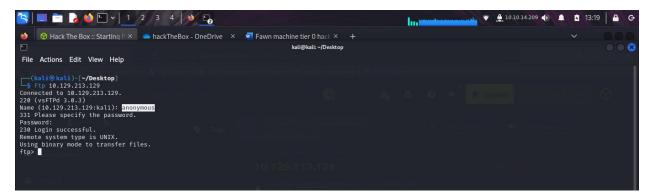
Answer: ftp -?



Question: What is username that is used over FTP when you want to log in without having an account?

Answer: anonymous

I used anonymous as the username to gain access to the ftp server since i had no account.



Question: What is the response code we get for the FTP message 'Login successful'?

Answer: 230

After a successful login with username anonymous with no password, a login success message was returned together with the code 230.



Question: There are a couple of commands we can use to list the files and directories available on the FTP server. One is dir. What is the other that is a common way to list files on a Linux system.

Answer: ls

I used the ls command to list all the files within the ftp server directory.

Question: What is the command used to download the file we found on the FTP server?

Answer: get

I use the **get** command to download the **flag.txt** file from the ftp server to my attack machine for further analysis.

Question: Submit Flag

Answer: 035db21c881520061c53e0536e44f815

After the downloading from the ftp server using get command, I used cat command to view the content of the file. And that's how I retrieved the root flag.

