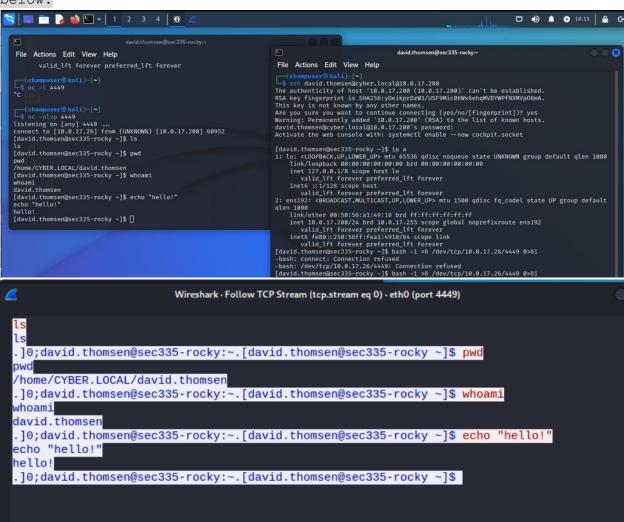
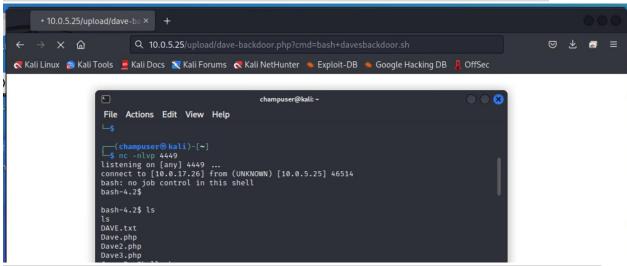
Deliverable 1. Run wireshark, create a capture filter on 4449/tcp and capture a command or two entered through the nc session. Provide a screenshot showing the followed tcp stream, similar to the screenshot below.



Deliverable 2. Try this out on Pippen by leveraging an uploaded webshell or reverse shell on pippen to run a similar command to connect back to a listener. You may need to upload a small shell script to make this happen, particularly if you are using the simple-backdoor.php script. Provide a screenshot similar to the one below that shows you invoking the reverse shell on the target via curl or your web browser and catching the connection on your kali box.



Deliverable 3. Access your windows system on SEC335-WAN via remmina (so that you can copy paste). Provide a screenshot similar to the one below that shows the unsuccessful execution of powershell via cmd.exe followed by the successful reverse shell after you figure out how to turn off Windows Defender.

```
(champuser@ kali)-[~]
$ nc -nlvp 4449
listening on [any] 4449 ...
connect to [10.0.17.26] from (UNKNOWN) [10.0.17.48] 52116

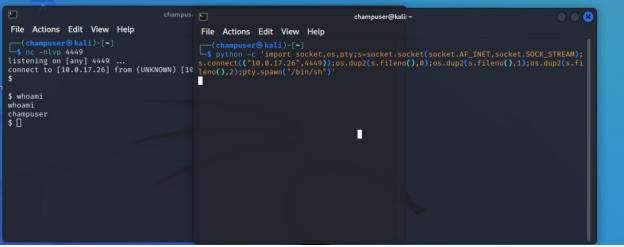
PS C:\Users\david-adm> ipconfig

Windows IP Configuration

Ethernet adapter Ethernet0:

    Connection-specific DNS Suffix . : cyber.local
    IPv4 Address. . . . . . . . . : 10.0.17.48
    Subnet Mask . . . . . . . . : 255.255.255.0
    Default Gateway . . . . . . . : 10.0.17.2
PS C:\Users\david-adm>
```

Deliverable 4. Hit the internet, see if you can create a python2,3 or php reverse shell on any of the linux targets. Provide a screenshot similar to the one below as well as the full text of the command used and the results of the id command invoked on the rocky through the reverse shell.



https://github.com/swisskyrepo/PayloadsAllTheThings/blob/master/Methodology%20and%20Resources/Reverse%20Shell%20Cheatsheet.md#python