

I enumerated the website and saw that there was an extension called /admin. I searched for some exploits but they required credentials. I guessed the default credentials for pi-hole which were pi:raspberry. I logged in using ssh, and then ran sudo su which gave me root access to the machine. In order to get the actual root flag, I looked at the various drivers on the linux system, and saw that /dev/sdb was the usb device driver using the command df -h. Using the command: grep -a -B 25 -A 100 'root.txt' /dev/sdb > results.txt, I found the root password.