Machine Name: Meow

**Introduction:**

This is a simple Linux machine meant to teach the learner about basic enumeration, ports and telnet usage.

**Steps:**

1. Always start by pinging the target machine.

Command: ping {target\_IP}

1. Then scan for ports and include -sV for non-standard ports.

Command: sudo nmap -sV {target\_IP}

1. We can see that port 23 is open and is running a telnet service used for unencrypted communication.
2. Connect to it using telnet.

Command: telnet {target\_IP}

1. We are prompted with a login prompt. We can try and exploit a common mistake where the password is left blank for the sake of accessibility. Let us try three common usernames:

Case 1:

Username: admin

Password:

Login failed

Case 2:

Username: administrator

Password:

Login failed

Case 3:

Username: root

Login successful

1. We have successfully logged in, now let us look around the system.

Command: ls

flag.txt snap

Command: cat flag.txt

b40abdfe23665f766f9c61ecba8a4c19

1. We have successfully acquired the flag for the machine.