Lab 01- Computer Networks Basics

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1 Question 1

'hostname' shows a human-readable name for the machine that the command is run on.

'hostnamectl' shows a list of different fields for the target machine and is generally more verbose.

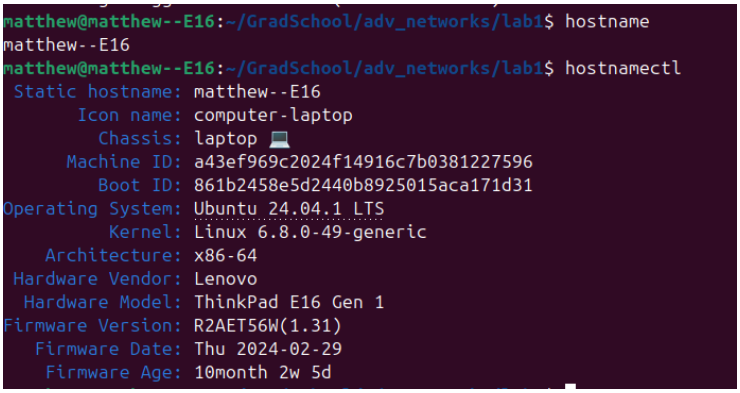

Figure 1: Screenshot showing the output of 'hostname' and 'hostnamectl'.

2 Question 2

Firefox is associated with 6 ports on my VM.

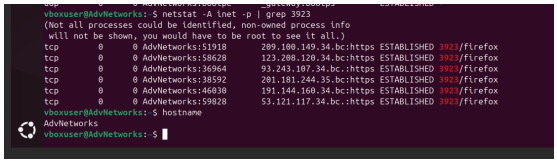

Figure 2: Ports associated with Firefox connected to https://www.uwindsor.ca.

3 Question 3

This command displays information about my network interfaces. I can see on my machine that I have a loopback interface called ‘lo‘ and a standard interface. I can see its MAC address as well as some IP information

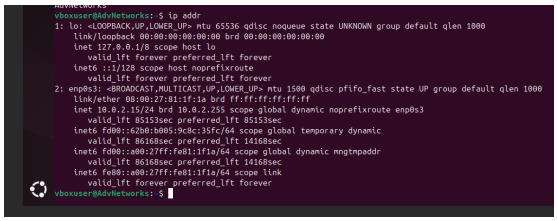

Figure 3: Output of ‘ipaddr‘ call.

4 Question 4

See Below:

Figure 4: Packet Capture

5 Question 5

Yes I did it.