← # Networking
Quiz, 5 questions
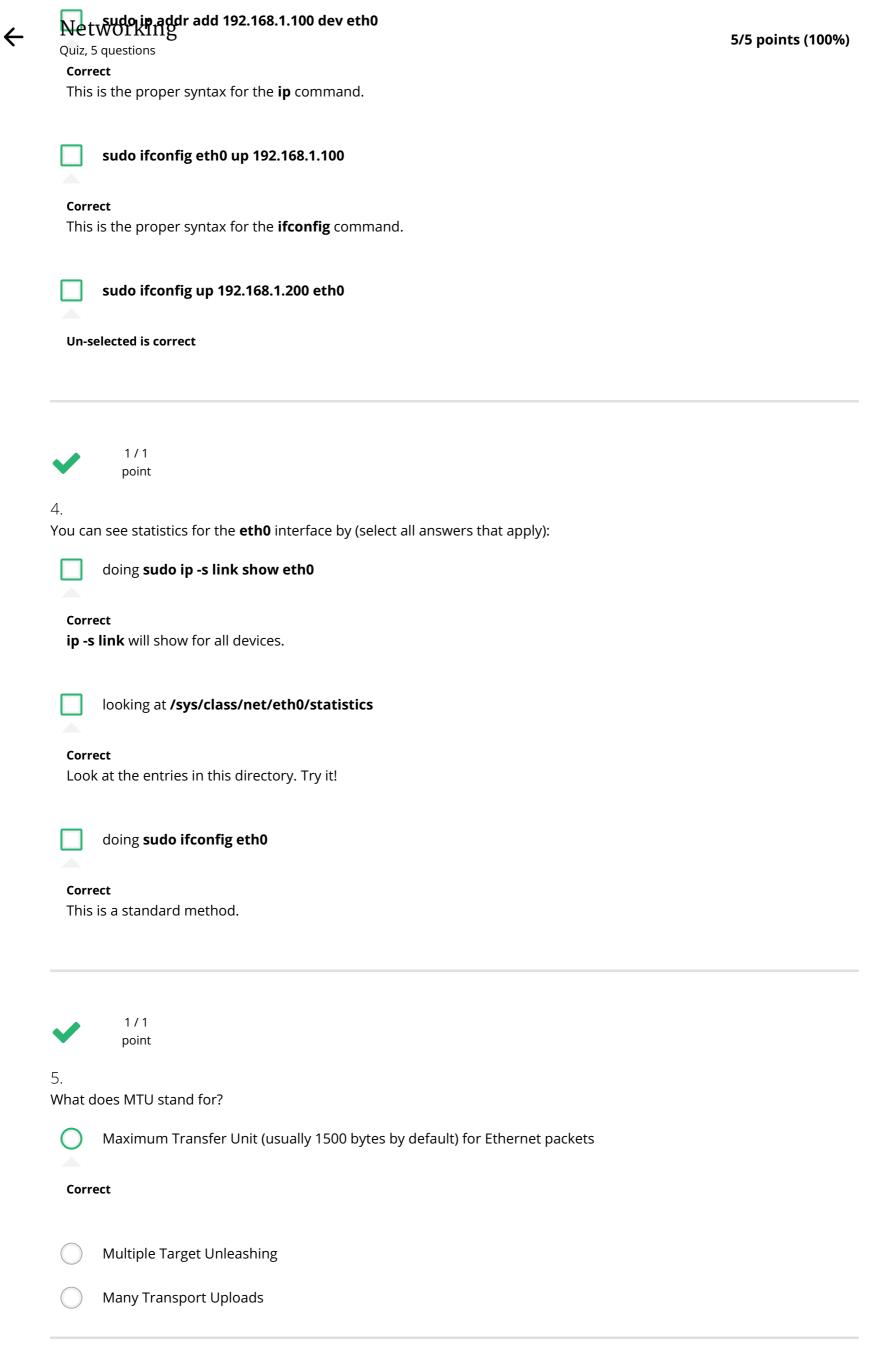
**5/5 points (100%)**

✓ **Congratulations! You passed!**

<div style="border:1px solid blue">Next Item</div>

✓ 1 / 1
point

1.
Which networking configuration interface is newer and has extended capabilities?

◉ **ip**

**Correct**
**ip** can replace the work of **ifconfig**, route and other networking utilities.

○ **ifconfig**

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✓ 1 / 1
point

2.
Using Predictable Network Interface Device Names (PNIDN) has come into use because:

☑ Many computers are no longer in one location; for example, laptops are on the move, and available interfaces are subject to change

**Correct**
Mobile computing is daily life now.

☑ It makes it harder for bad actors to guess interface names

**Un-selected is correct**

☑ On modern systems, the order in which network hardware is found is less predictable

**Correct**
Order can change due to changes in kernel, for example.

☑ Hardware such as USB devices can be added and removed at runtime

**Correct**
One can never be sure what devices will be added to a system.

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✓ 1 / 1
point

3.
Which command(s) will bring the network interface **eth0** up and assign an address to it?

☑ **sudo ip addr ifconfig add 192.168.1.100 add default eth0**

**Un-selected is correct**

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☑ **sudo ip addr add 192.168.1.100 dev eth0**

**Correct**
This is the proper syntax for the **ip** command.

☑ **sudo ifconfig eth0 up 192.168.1.100**

**Correct**
This is the proper syntax for the **ifconfig** command.

☐ **sudo ifconfig up 192.168.1.200 eth0**

**Un-selected is correct**

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✔ 1 / 1 point

4.
You can see statistics for the **eth0** interface by (select all answers that apply):

☑ doing **sudo ip -s link show eth0**

**Correct**
**ip -s link** will show for all devices.

☑ looking at **/sys/class/net/eth0/statistics**

**Correct**
Look at the entries in this directory. Try it!

☑ doing **sudo ifconfig eth0**

**Correct**
This is a standard method.

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✔ 1 / 1 point

5.
What does MTU stand for?

◉ Maximum Transfer Unit (usually 1500 bytes by default) for Ethernet packets

**Correct**

○ Multiple Target Unleashing

○ Many Transport Uploads

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