

Quiz-3

Networking

Question 1:

Which networking configuration interface is newer and has extended capabilities?

ans:

ip

Question 2:

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

ans:

- Many computers are no longer in one location; for example, laptops are on the move, and available interfaces are subject to change
- Hardware such as USB devices can be added and removed at runtime
- On modern systems, the order in which network hardware is found is less predictable

Question 3:

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

ans:

- `sudo ip addr add 192.168.1.100 dev eth0`
- `sudo ifconfig eth0 up 192.168.1.100`

Question 4:

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

ans:

- looking at **/sys/class/net/eth0/statistics**
- doing **sudo ip -s link show eth0**
- doing **sudo ifconfig eth0**

Question 5:

What does MTU stand for?

ans:

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