

Week 1 Quiz

1. What is DHCP used for?

- a. It is a network protocol used to assign IP addresses.
- b. It is a type of firewall that protects your local network
- c. It is a hardware component that connects a host to the network.
- d. It is a network protocol used to communicate between name servers.

2. What is an SSH server?

- a. A tool for diagnosing a network application
- b. A program which initiates ssh requests
- c. A machine which guarantees security of the local network
- d. A program which responds to incoming ssh requests

3. When an ssh client is invoked at the command-line with the "ssh" command, what other argument must be provided on the command line?

- a. A specification of what type of data will be transferred
- b. A specification of what type of communication is desired
- c. A domain name or IP address to connect to
- d. A DNS server address

4. What command will reveal the IP address of your Raspberry Pi?

- a. ipaddr
- b. ifconfig
- c. dig
- d. nslookup

5. What is a fair definition of the term "protocol"?

- a. A method to declare the existence of a new node in the network
- b. A tool to analyze network communication
- c. Any program that performs networked communication
- d. A set of rules for communication

6. What does an IP address uniquely identify?

- a. A host communicating on the Internet
- b. A switch which is part of the Internet
- c. A process connected to the Internet
- d. A hardware network interface card

7. How big is a port TCP/UDP number?

- a. 8 bits
- b. 16 bits
- c. 24 bits
- d. 32 bits

8. The nslookup command will show the IP address corresponding to a given domain name.

- True
- False