System Administration for Beginners

Week 4 Homework

March 12, 2008

1. What is the default Internet port for FTP?

    (a) 80

    (b) 53

    (c) 21

    (d) None of the above

2. If you owned all the IP addresses that began with 192.168, where the latter two numbers could be a valid number, approximately how many IP addresses do you own?

    (a) 20 000

    (b) 47 500

    (c) 65 000

    (d) 100 000

3. Reverse DNS has to match forward DNS

    (a) True

    (b) False

4. Which of the following is the best way to uniquely identify a computer on the Internet?

    (a) domain name

    (b) IP address

    (c) server name

    (d) A record

5. The most efficient and fastest route between two Internet is the shortest path.

    (a) True

    (b) False

6. The number of routers between two Internet points, as reported by `traceroute`, is most related to which of the following properties?

    (a) the speed of the connection between them
    (b) the IP addresses of the two Internet points
    (c) the domain names of the two internet points
    (d) the distance between them

7. Of the following directories, where are you most likely to find the `adduser` command?

    (a) /etc
    (b) /home
    (c) /bin
    (d) /sbin

8. The `root` can read and write to any user's files.

    (a) True
    (b) False

9. Where would one specify setup options during the process of installing a program (e.g., Apache)?

    (a) ./configure
    (b) make
    (c) make install
    (d) apachectl

10. It is possible to use any positive integer value for a server daemon to listen on.

    (a) True
    (b) False