

Network Administration Quiz 1

Name: _____ Date: _____

Quiz 1: Setting Up Static IP and Loading Windows 2003 Server

- The first octet of a class C network can be
 - 198
 - 10
 - 55
 - 254
- Loading Windows 2003 Server involves installing the following software (circle all that apply)
 - BIOS
 - Operating system
 - Service Packs
 - Windows Updates
- The period of time to manually load a Windows 2003 Server from partitioning to finished product is approximately
 - 2.5 hour
 - 5 hours
 - 10 hours
 - 15 hours
- Most businesses and home LANs run class C networks. The maximum number of devices on the network is 254. What two IP addresses are not allowed on a class C network? (circle 2)
 - 192.168.0.250
 - 192.168.0.244
 - 192.168.0.255
 - 192.168.0.0
- When running a Static IP network, what three IP addresses are included in the setup?
 - Primary DNS IP
 - Gateway IP
 - NetBIOS IP
 - Secondary DNS IP
- After setting up your Server and your external network connection, you connect the Category 5e cable to the 100 Mbps NIC and test the link to the router by typing _____ at the command line.
 - ping 255.255.255.0
 - pong 192.168.0.1
 - ping 192.168.0.1
 - nslookup 192.168.0.1
- The school systems you are working for has 4,000 computers for the 8 network technicians and managers. Your administrator has given you a subnet mask for the five new computers to be installed in the library LAN. You know that the entire system is a Class B network. What should the subnet mask be?
 - 255.255.255.128
 - 255.255.0.128
 - 255..0.0.0
 - 255.255.0.0
- How many processors will Datacenter server support?
 - 64
 - 32
 - 16
 - 8
- Circle the names of the two network interface cards on a Network Address Translation (NAT) server.
 - External
 - Domestic
 - Internal
 - Router
- When building a LAN with a static IP addressing scheme, we do not have to update the LAN diagram or IP log to show what addresses are being used.
 - True
 - False

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11. The router and computer is setup at the factory. What type of IP address protocol is the default in the industry?
a. RIP b. ICF c. ICS d. DHCP
12. Eventually you wish to mirror the information from the first disk on the server to the second disk. What RAID level will you be setting up?
a. RAID 0 b. RAID 1 c. RAID 3 d. RAID 5
13. There are _____ bits in a TCP/IPv4 address.
a. 24 b. 32 c. 36 d. 40
14. What two releases of Windows 2003 server will support clustering?
a. Web b. Standard c. Enterprise d. Datacenter
15. The replacement for the older TCP/IPv4 protocol is
a. TCP/IPv2 b. TCP/IPv6 c. TCP/IPv8 d. TCP/IPv10
16. The static Primary and Secondary DNS addresses are provided by the
a. DHCP b. ISP c. Modem d. Switch
17. The Internet Service Provider gives you a static IP address of 10.0.2.15. What class IP address is this?
a. Class A b. Class B c. Class C d. Class D
18. Two IP addresses textboxes are provided on the network connection setup window. Is that the maximum number of DNS addresses that we can refer our computer to?
a. Yes b. No
19. What is the maximum amount of RAM for the Windows 2003 Standard server?
a. 4 MB b. 4 GHz c. 4 GB d. 8 GHz
20. What TCPIP utility allows us to see what DNS sever we are connected to?
a. PING b. IPCONFIG c. TRACERT d. NSLOOKUP
21. There are _____ octets in a TCP/IPv4 address.
a. 6 b. 5 c. 4 d. 2
22. Server passwords are kept in the company's _____, where owners can retrieve them if something happens that the network administrator is unable to come to work.
a. website b. bulletin board c. mail room d. fireproof safe
23. Name two items need to logon a server
a. Username b. Company photo c. Password d. workgroup