

## Dynamic Host Configuration Protocol on a Windows 2012 Server Review 2

Name: \_\_\_\_\_ Date: \_\_\_\_\_

1. What is one of the roles we would include on the Domain Controller to support the Windows Deployment Services (WDS) role on the support server?
2. Who determines the IP address scheme when we setup DHCP services on a domain to support a WDS server?
3. If you use an IP address scheme beginning with the network address 200.100.10.1 and a subnet mask of 255.255.255.248, how many usable IP addresses will you have for the accounting department?
4. The DHCP server gives out what kind of TCP/IP addresses? \_\_\_\_\_
5. Walter wants to reset an IP address on a client computer. He will use what two TCP Utility expressions to perform the task?
6. Typically, what three roles are on the Domain Controller? \_\_\_\_\_
7. Samantha has a network with a the router or the gateway to the Internet with an IP address of 190.100.10.1 and a subnet mask of 255.255.0.0 and the server has a single network card with an IP address of 190.100.10.2 with a subnet mask of 255.255.0.0, what is the primary and secondary DNS IP addresses on the network?
8. What devices on a small network will have a static IP address that we will exclude on the DHCP server?
9. If we right click on IPv4 on the DHCP console on Windows 2012 server, what do we select to setup a range of TCP/IP addresses for a department?

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10. What are two text boxes that we fill in to describe a new set of IP addresses for a department when we begin to define a new scope?
11. Marsha inputs an IP address range for the new scope of 190.100.10.51 to 190.101.10.200. What is the matter with her settings?
12. What is the default for the amount of time that we have for a DHCP lease?
13. The default gateway in DHCP setup is typically the network \_\_\_\_\_.
14. The primary DNS server in the DHCP setup is typically the \_\_\_\_\_.
15. Would we want to activate the scope at the end of setting up a range of TCP/IP addresses for a department?
16. Periodically we change the configuration on the DHCP server. If we right click on the server in the DHCP console, we select All Tasks and \_\_\_\_\_ the service to discontinue all leases at that time.
17. We should only have \_\_\_\_\_ DHCP TCP IP address assigning device on a network.
18. Mark wants 32 scopes on a DHCP server, one for each department with 14 usable IP addresses each? Terry says that will exceed the Class C IP address capabilities. Who is correct?
19. How long would we set the lease time for mobile devices used by customers that visit our company?
20. What BIOS setting on a client computer do we set to allow the network card to find the WDS server and also get a IP address from the DHCP server?