Check Test16 Network Testing Utilities Quiz

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Teacher ▼

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1. What is a user trying to determine when issuing a ping 10.1.1.1 command on a PC? * 1 point

○ if the TCP/IP stack is functioning on the PC without putting traffic on the wire

◉ if there is connectivity with the destination device

○ the path that traffic will take to reach the destination

○ what type of device is at the destination

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2. A user who is unable to connect to the file server contacts the help desk. The   * 1 point
helpdesk technician asks the user to ping the IP address of the default gateway that is
configured on the workstation. What is the purpose for this ping command?

○ to obtain a dynamic IP address from the server

○ to request that gateway forward the connection request to the file server

◉ to test that the host has the capability to reach hosts on other networks

○ to resolve the domain name of the file server to its IP address

3. Which three pieces of information are revealed by the ipconfig command (without the /all switch)? (Choose three.)   * 1 point

☑ IP address

☐ DHCP server

☑ subnet mask

☑ default gateway

☐ DNS server

☐ MAC address

4. Which command is used to test network connectivity and provide a response to each packet received by the remote host?   * 1 point

○ connect

⦿ ping

○ text

○ tracert

5. Which command line utility is used to display active network connections on a PC? *   1 point

○ nslookup

⦿ netstat

○ ipconfig

○ ipconfig /all

6. A user needs to find the MAC address on the host PC. Which command line utility   * 1 point
can be used to display this information?

○ nslookup

◉ ipconfig /all

○ ping

○ tracert

7. A user is able to ping www.cisco.com by its IP address but cannot browse to   * 1 point
www.cisco.com in a browser. What is the possible cause?

○ The IP address of the source PC is wrong.

○ The IP address of the gateway is wrong.

○ The DHCP server is not configured correctly.

◉ The DNS server is not working.

8. A technician troubleshooting a network problem has used CLI commands to   * 1 point
determine that a computer has not been allocated a correct IP address from the DHCP
server. Which command can the technician use to solve this problem?

○ ping

○ ipconfig /release

○ tracert

◉ ipconfig /renew

9. Which command line utility is used to test connectivity to other IP hosts?   1 point

◉ ping

◯ tracert

◯ ipconfig

◯ nslookup

10. Match the command line utility with its function. *   5 points

	tracert	netstat	ping	ipconfig	nslookup
Displays IP configuration information.	◯	◯	◯	◉	◯
Tests connections to other IP hosts.	◯	◯	◉	◯	◯
Displays network connections.	◯	◉	◯	◯	◯
Displays the route taken to the destination.	◉	◯	◯	◯	◯
Directly queries the name server for information on a destination domain.	◯	◯	◯	◯	◉

Your understanding of today's class *

	1	2	3	4	5	
I didn't understand the class at all	○	○	○	○	◉	I understand the class very well

What you did not understand in today's class? (Option)

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