Check Test16 Network Testing Utilities Quiz

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* Indicates required question

Student number & Your name *

Choose ▾

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

2. A user who is unable to connect to the file server contacts the help desk.   * 1 point
The 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

Pre-fill responses, then click "Get link"

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

☐ IP address

☐ DHCP server

☐ subnet mask

☐ default gateway

☐ DNS server

☐ MAC address

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

○ connect

○ ping

○ text

○ tracert

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

○ nslookup

○ netstat

○ ipconfig

○ ipconfig /all

Pre-fill responses, then click "Get link"

6. A user needs to find the MAC address on the host PC. Which command   * 1 point
line utility 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   * 1 point
browse to 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   * 1 point
commands to 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

Pre-fill responses, then click "Get link"

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.	○	○	○	○	○

Pre-fill responses, then click "Get link"

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)

Your answer

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