Reliable CCST-Networking Exam Test & Interactive CCST-Networking Questions

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For some difficult points of the CCST-Networking exam questions which you may feel hard to understand or easy to confuse for too similar with the others. In order to help you memorize the CCST-Networking guide materials better, we have detailed explanations of the difficult questions such as illustration, charts and referring website. Every year some knowledge of the CCST-Networking Practice Braindumps is reoccurring over and over. You must ensure that you master them completely.

Cisco CCST-Networking Exam Syllabus Topics:

Topic	Details
Topic 1	• Standards and Concepts: The Cisco CCST-Networking exam assesses network technicians' knowledge of essential networking concepts, including identifying network building blocks, differentiating bandwidth from throughput, distinguishing various network types (LAN, WAN, MAN, CAN, PAN, WLAN), and comparing cloud versus on-premises services. It also measures understanding of common network applications and protocols.
Topic 2	• Addressing and Subnet Formats: For aspiring Cisco network technicians, the CCST Networking exam evaluates the ability to compare private and public IP addresses, identify IPv4 addresses and subnet formats, and recognize IPv6 addresses and prefix formats. This ensures they can manage and configure network addressing effectively.
Topic 3	• Infrastructure: The Cisco Certified Support Technician (CCST) Networking exam measures network technicians' skills in identifying Cisco device status lights, using network diagrams to attach cables, recognizing various network ports. It also focuses on explaining basic routing concepts and understanding basic switching concepts.
Topic 4	• Diagnosing Problems: In the CCST-Networking Exam, Cisco network technicians are tested on their ability to employ troubleshooting methodologies and help desk practices, perform packet captures with Wireshark, run and interpret diagnostic commands. It also tests their skills to differentiate data collection methods for network devices, and execute basic show commands on Cisco devices.
Topic 5	• Security: Aspiring Cisco Network technicians taking the CCST-Networking exam need to describe firewall operations, foundational security concepts, and configure basic wireless security on home routers (WPAx). This ensures they can implement and understand essential security measures within a network.

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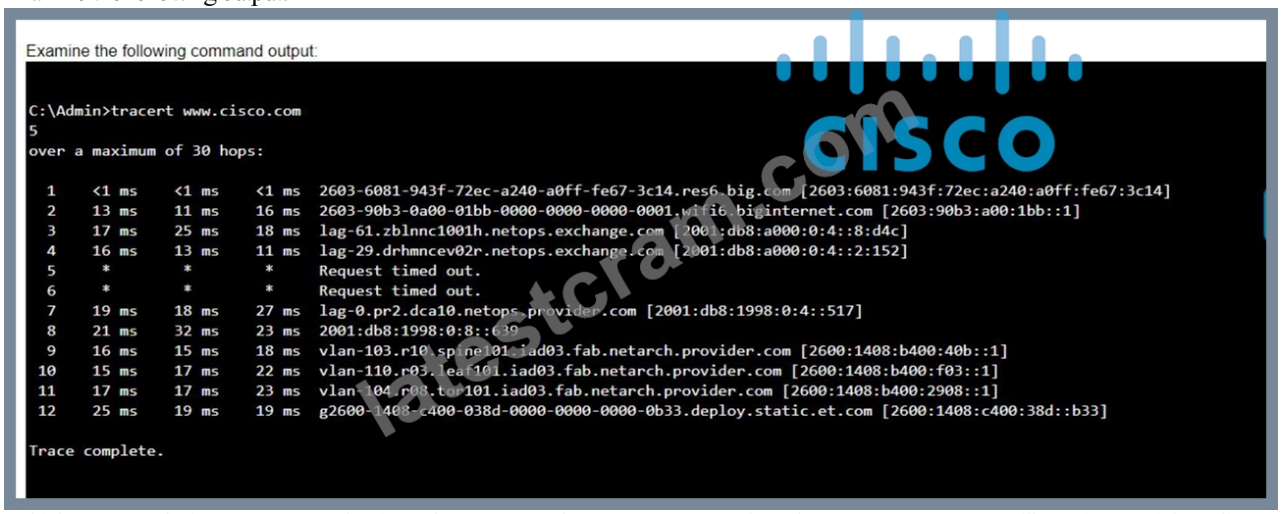
Interactive CCST-Networking Questions - Online CCST-Networking Lab Simulation

Finding original and latest Cisco CCST-Networking exam questions however, is a difficult process. Candidates require assistance finding the Cisco CCST-Networking updated questions. It will be hard for applicants to pass the CCST-Networking Exam Questions exam on their first try if Cisco Certified Support Technician (CCST) NetworkingExam questions they have are not real and updated. Preparing with outdated CCST-Networking Exam Questions results in failure and loss of time and money. You can get success in the CCST-Networking exam on first attempt and save your resources with the help of updated exam questions.

Cisco Certified Support Technician (CCST) NetworkingExam Sample Questions (Q15-Q20):

NEW QUESTION # 15
Examine the following output:



Which two conclusions can you make from the output of the tracert command? (Choose 2.) Note: You will receive partial credit for each correct answer.

- A. The routers at hops 5 and 6 are offline.
- B. The IPv6 address associated with the www.cisco.com server is 2600:1408: c400: 38d: : b33.
- C. The trace failed after the fourth hop.
- D. The trace successfully reached the www.cisco.com server.
- E. The device sending the trace has IPv6 address 2600:1408:c400:38d :: b33.

Answer: B,D

Explanation:
*Statement A: "The trace successfully reached the www.cisco.com server." This is true as indicated by the "Trace complete" message at the end, showing that the trace has reached its destination.
*Statement C: "The IPv6 address associated with the www.cisco.com server is 2600:1408:c400:38d::b33." This is true because the final hop in the trace, which is the destination, has this IPv6 address.
*Statement B: "The trace failed after the fourth hop." This is incorrect as the trace continues beyond the fourth hop, despite some intermediate timeouts.
*Statement D: "The routers at hops 5 and 6 are offline." This is not necessarily true. The routers might be configured to not respond to traceroute requests.
*Statement E: "The device sending the trace has IPv6 address 2600:1408:c400:38d::b33." This is incorrect; this address belongs to the destination server, not the sender.
References:
*Understanding Traceroute: Traceroute Guide

NEW QUESTION # 16
Which standard contains the specifications for Wi-Fi networks?

- A. EIA/TIA 568A

- B. GSM
- C. IEEE 802.3
- D. LTE
- E. IEEE 802.11

Answer: E

Explanation:
The IEEE 802.11 standard contains the specifications for Wi-Fi networks. It is a set of media access control (MAC) and physical layer (PHY) specifications for implementing wireless local area network (WLAN) computer communication in various frequencies, including but not limited to 2.4 GHz, 5 GHz, and 6 GHz1.
This standard is maintained by the Institute of Electrical and Electronics Engineers (IEEE) and is commonly referred to as Wi-Fi. The standard has evolved over time to include several amendments that improve speed, range, and reliability of wireless networks.
References :=
*The Most Common Wi-Fi Standards and Types, Explained
*802.11 Standards Explained: 802.11ax, 802.11ac, 802.11b/g/n, 802.11a
*Wi-Fi Standards Explained - GeeksforGeeks

NEW QUESTION # 17
Which command will display all the current operational settings configured on a Cisco router?

- A. show version
- B. show running-config
- C. show startup-config
- D. show protocols

Answer: B

Explanation:

Router
Theshow running-configcommand is used on a Cisco router to display the current operational settings that are actively configured in the router's RAM. This command outputs all the configurations that are currently being executed by the router, which includes interface configurations, routing protocols, access lists, and other settings. Unlikeshow startup-config, which shows the saved configuration that the router will use on the next reboot,show running-configreflects the live, current configuration in use.
References:= The information is supported by multiple sources that detail the use of Cisco commands, particularly theshow running-configcommand as the standard for viewing the active configuration on a Cisco device123.
* show running-config: This command displays the current configuration running on the router. It includes all the operational settings and configurations applied to the router.
* show protocols: This command shows the status of configured protocols on the router but not the entire configuration.
* show startup-config: This command displays the configuration saved in NVRAM, which is used to initialize the router on startup, but not necessarily the current running configuration.
* show version: This command provides information about the router's software version, hardware components, and uptime but does not display the running configuration.
References:
* Cisco IOS Commands: Cisco IOS Commands

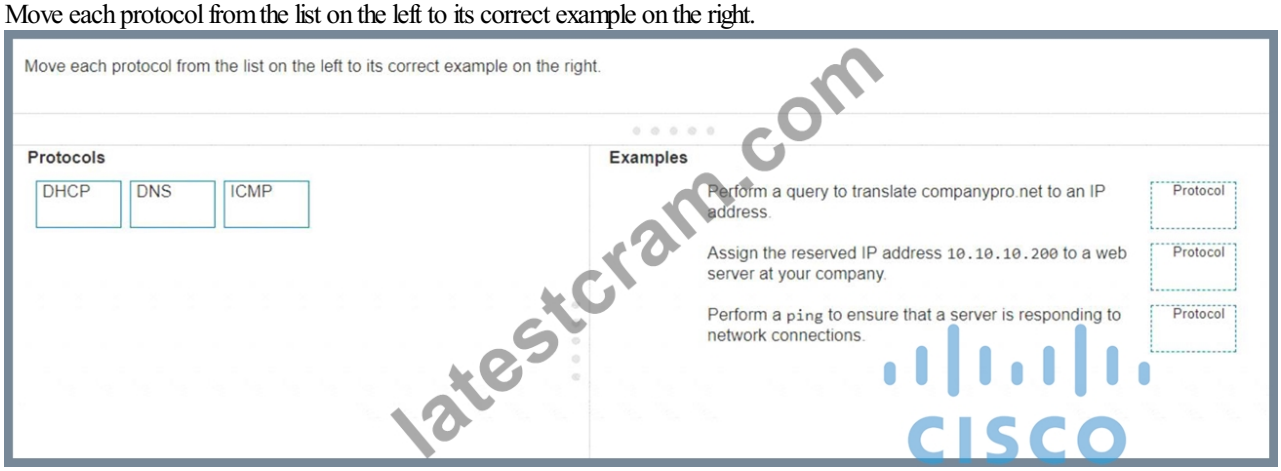
NEW QUESTION # 18
Which two statements are true about the IPv4 address of the default gateway configured on a host? (Choose 2.) Note: You will receive partial credit for each correct selection.

- A. Hosts learn the default gateway IPv4 address through router advertisement messages.
- B. The default gateway is the IPv4 address of the router interface connected to the same local network as the host.
- C. The IPv4 address of the default gateway must be the first host address in the subnet.
- D. The default gateway is the Loopback0 interface IPv4 address of the router connected to the same local network as the host.
- E. The same default gateway IPv4 address is configured on each host on the local network.

Answer: B,E

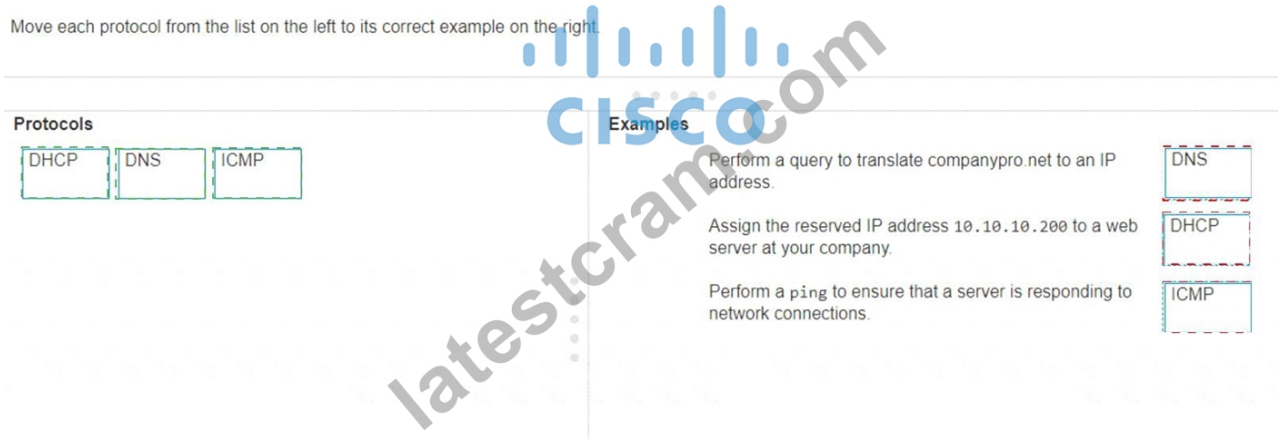
Explanation:
*Statement B: "The same default gateway IPv4 address is configured on each host on the local network." This is true because all hosts on the same local network (subnet) use the same default gateway IP address to send packets destined for other networks.
*Statement D: "The default gateway is the IPv4 address of the router interface connected to the same local network as the host." This is true because the default gateway is the IP address of the router's interface that is directly connected to the local network.
*Statement A: "The IPv4 address of the default gateway must be the first host address in the subnet." This is not necessarily true. The default gateway can be any address within the subnet range.
*Statement C: "The default gateway is the Loopback0 interface IPv4 address of the router connected to the same local network as the host." This is not true; the default gateway is the IP address of the router's physical or logical interface connected to the local network.
*Statement E: "Hosts learn the default gateway IPv4 address through router advertisement messages." This is generally true for IPv6 with Router Advertisement (RA) messages, but not typically how IPv4 hosts learn the default gateway address.
References:
*Cisco Default Gateway Configuration: Cisco Default Gateway

NEW QUESTION # 19
Move each protocol from the list on the left to its correct example on the right.



Answer:

Explanation:



Explanation:
The correct matching of the protocols to their examples is as follows:
* DHCP: Assign the reserved IP address 10.10.10.200 to a web server at your company.
* DNS: Perform a query to translate companypro.net to an IP address.
* ICMP: Perform a ping to ensure that a server is responding to network connections.
Here's how each protocol corresponds to its example:
* DHCP (Dynamic Host Configuration Protocol)is used to assign IP addresses to devices on a network.
In this case, DHCP would be used to assign the reserved IP address 10.10.10.200 to a web server.
* DNS (Domain Name System)is used to translate domain names into IP addresses. Therefore, to translate companypro.net to an IP address, DNS would be utilized.
* ICMP (Internet Control Message Protocol)is used for sending error messages and operational
* information indicating success or failure when communicating with another IP address. An example of this is using the ping command to check if a server is responding to network connections.
These protocols are essential for the smooth operation of networks and the internet.
* Perform a query to translate companypro.net to an IP address.
* DNS (Domain Name System): DNS is used to resolve domain names to IP addresses.
* Assign the reserved IP address 10.10.10.200 to a web server at your company.
* DHCP (Dynamic Host Configuration Protocol): DHCP is used to assign IP addresses to devices on a network.
* Perform a ping to ensure that a server is responding to network connections.
* ICMP (Internet Control Message Protocol): ICMP is used by network devices to send error messages and operational information, and it is the protocol used by the ping command.
* DNS (Domain Name System): DNS translates human-friendly domain names like "companypro.net" into IP addresses that computers use to identify each other on the network.
* DHCP (Dynamic Host Configuration Protocol): DHCP automatically assigns IP addresses to devices on a network, ensuring that no two devices have the same IP address.
* ICMP (Internet Control Message Protocol): ICMP is used for diagnostic or control purposes, and the ping command uses ICMP to test the reachability of a host on an IP network.
References:
* DNS Basics: What is DNS?
* DHCP Overview: What is DHCP?
* ICMP and Ping: Understanding ICMP

NEW QUESTION # 20
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