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QUESTION 1

Which event has occurred if a router sends a notice level message to a syslog server?

- A. An interface line has changed status.
- B. An ICMP connection has been built.
- C. A TCP connection has been torn down.
- D. A certificate has expired.

Correct Answer: A

QUESTION 2

What is a function of a remote access VPN?

- A. used cryptographic tunneling to protect the privacy of data for multiple users simultaneously
- B. used exclusively when a user is connected to a company's internal network
- C. establishes a secure tunnel between two branch sites
- D. allows the users to access company internal network resources through a secure tunnel

Correct Answer: D

QUESTION 3

Which statement about Cisco Discovery Protocol is true?

- A. It is a Cisco-proprietary protocol.
- B. It runs on the network layer.
- C. It can discover information from routers, firewalls, and switches.
- D. It runs on the physical layer and the data link layer.

Correct Answer: A

QUESTION 4

Which technology can prevent client devices from arbitrarily connecting to the network without state remediation?

- A. 802.1x

- B. IP Source Guard
- C. MAC Authentication Bypass
- D. 802.11n

Correct Answer: A

802.1x is a security standard that prevents client devices from arbitrarily connecting to the network without state remediation. It provides a framework for authenticating devices that are attempting to access a LAN or WLAN.

802.1x uses a supplicant (client device) and an authenticator (network access device) to establish a secure connection. The supplicant sends an authentication request to the authenticator, which then forwards the request to an authentication server. If the authentication server approves the request, the supplicant is allowed to access the network. If the request is denied, the supplicant is not allowed to access the network.

QUESTION 5

What is a function of store-and forward switching?

- A. It reduces latency by eliminating error checking within the frame
- B. It produces an effective level of error-free network traffic using CRCs.
- C. It buffers frames and forwards regardless of errors within the frames.
- D. It forwards a frame by checking only the destination MAC address

Correct Answer: B

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