

# N10-005<sup>Q&As</sup>

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## QUESTION 1

Which of the following network topologies describes a network where each node is connected to multiple devices?

- A. Mesh
- B. Bus
- C. Star
- D. Ring

Correct Answer: A

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## QUESTION 2

Users have contacted the helpdesk stating that they have been having difficulties staying connected to the wireless network. They report that their laptops connect to one access point, drop the connection and then connect to a different access point in a never-ending cycle.

Which of the following would BEST remediate this?

- A. Reconfigure the access points from 802.11b to 802.11g.
- B. Establish procedures which limit user connections during peak hours.
- C. Configure the access points so that they all use different SSIDs.
- D. Move one or more access points, minimizing signal overlap.

Correct Answer: D

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## QUESTION 3

A technician finds that the network card is no longer functioning. At which of the following OSI layers is the problem occurring?

- A. Layer 1
- B. Layer 3
- C. Layer 5
- D. Layer 7

Correct Answer: A

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## QUESTION 4

A network administrator opens up the RDP port to access network resources from home. Several months later, the administrator's account is getting locked out constantly. After closing the port, which of the following should be used to identify the source of the attack?

- A. Network maps
- B. Change management
- C. Log analysis
- D. Protocol analyzer

Correct Answer: C

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## QUESTION 5

A SOHO had their wireless network breached on several occasions. The user turned off the SSID and enabled WEP encryption, but breaches are still occurring. Which of the following will improve security and MOST likely prevent future breaches?

- A. Turn down the signal strength
- B. Replace the WAP and enable WEP
- C. Change both the SSID and WEP key
- D. Enable WPA2 encryption

Correct Answer: D

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## QUESTION 6

A network administrator has decided to tighten company security after a recent data breach. The new scheme calls for a strong 10 character password, a special 4 digit pin code, and a one-time use dynamic token that is accessed via a smartphone application.

Which of the following is being implemented?

- A. Two-factor authentication
- B. Biometric security
- C. Multi-factor authentication

D. Single factor authentication

Correct Answer: A

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## QUESTION 7

Which of the following provides RSA encryption at the session layer?

A. SSH

B. ISAKMP

C. SSL

D. TLS

Correct Answer: C

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## QUESTION 8

Which of the following OSI model layers are present in the application layer of the TCP/IP model? (Select TWO).

A. Data Link

B. Transport

C. Network

D. Session

E. Presentation

Correct Answer: DE

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## QUESTION 9

Which of the following wireless security measures, although widely implemented, does not provide strong security?

A. IPSec

B. WPA2

C. MAC address filtering

D. 802.1x

Correct Answer: C

By MAC address filtering you can only filter layer 2 traffic but in security system layer 4 and layer 4 security is also essential.

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## QUESTION 10

A user at a small business states that they cannot connect to the Internet via the company's wireless network every time their cordless phone rings. Which of the following is MOST likely occurring?

- A. Interference
- B. Incorrect encryption type
- C. Latency
- D. SSID mismatch

Correct Answer: A

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## QUESTION 11

A company is looking for the simplest solution to help prioritize VoIP traffic on its congested network. Which of the following would BEST accomplish this?

- A. MPLS
- B. Caching engines
- C. QoS
- D. Load balancing

Correct Answer: C

QoS is the service where you can prioritize traffic running over one protocol as compared to the other. It is very similar to the term where you are opening a VIP queue for allowing that traffic to pass.

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## QUESTION 12

A user is unable to open up websites on the Internet from a browser. The administrator determines that the workstation can ping its local gateway, but not the remote web server. At which of the following layers of the OSI model does the problem MOST likely exist?

- A. Data link
- B. Network
- C. Session

D. Physical

Correct Answer: B

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## QUESTION 13

Which of the following authentication methods is MOST secure?

A. NTLM

B. CHAP

C. MS-CHAP

D. Kerberos

Correct Answer: D

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## QUESTION 14

Which of the following connector types is MOST commonly used for serial connections?

A. MTRJ

B. RJ-11

C. RS-232

D. RJ-45

Correct Answer: C

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## QUESTION 15

A network administrator wants to perform a test to see if any systems are passing clear text through the network. Which of the following would be used?

A. Social engineering

B. Packet sniffing

C. Rogue access point

D. Man-in-the-middle

Correct Answer: B

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