

Demo Questions

CompTIA N10-008 Exam

CompTIA Network+

Thank you for downloading **N10-008 Exam** PDF

Question: 1

A systems administrator needs to improve WiFi performance in a densely populated office tower and use the latest standard. There is a mix of devices that use 2.4 GHz and 5 GHz. Which of the following should the systems administrator select to meet this requirement?

- A. 802.11ac
- B. 802.11ax
- C. 802.11g
- D. 802.11n

Answer: B

Explanation:

Question: 2

Which of the following would be BEST to use to detect a MAC spoofing attack?

- A. Internet Control Message Protocol
- B. Reverse Address Resolution Protocol
- C. Dynamic Host Configuration Protocol
- D. Internet Message Access Protocol

Answer: B

Explanation:

Question: 3

A technician receives feedback that some users are experiencing high amounts of jitter while using the wireless network. While troubleshooting the network, the technician uses the ping command with the IP address of the default gateway and verifies large variations in latency. The technician thinks the issue may be interference from other networks and non-802.11 devices. Which of the following tools should the technician use to troubleshoot the issue?

- A. NetFlow analyzer
- B. Bandwidth analyzer

- C. Protocol analyzer
- D. Spectrum analyzer

Answer: D

Explanation:

Question: 4

Wireless users are reporting intermittent internet connectivity. Connectivity is restored when the users disconnect and reconnect, utilizing the web authentication process each time. The network administrator can see the devices connected to the APs at all times. Which of the following steps will MOST likely determine the cause of the issue?

- A. Verify the session time-out configuration on the captive portal settings
- B. Check for encryption protocol mismatch on the client's wireless settings
- C. Confirm that a valid passphrase is being used during the web authentication
- D. Investigate for a client's disassociation caused by an evil twin AP

Answer: A

Explanation:

Question: 5

A network administrator walks into a datacenter and notices an unknown person is following closely. The administrator stops and directs the person to the security desk. Which of the following attacks did the network administrator prevent?

- A. Evil twin
- B. Tailgating
- C. Piggybacking
- D. Shoulder surfing

Answer: B

Explanation:

Question: 6

SIMULATION

You have been tasked with setting up a wireless network in an office. The network will consist of 3 Access Points and a single switch. The network must meet the following parameters:

The SSIDs need to be configured as CorpNet with a key of S3cr3t!

The wireless signals should not interfere with each other

The subnet the Access Points and switch are on should only support 30 devices maximum

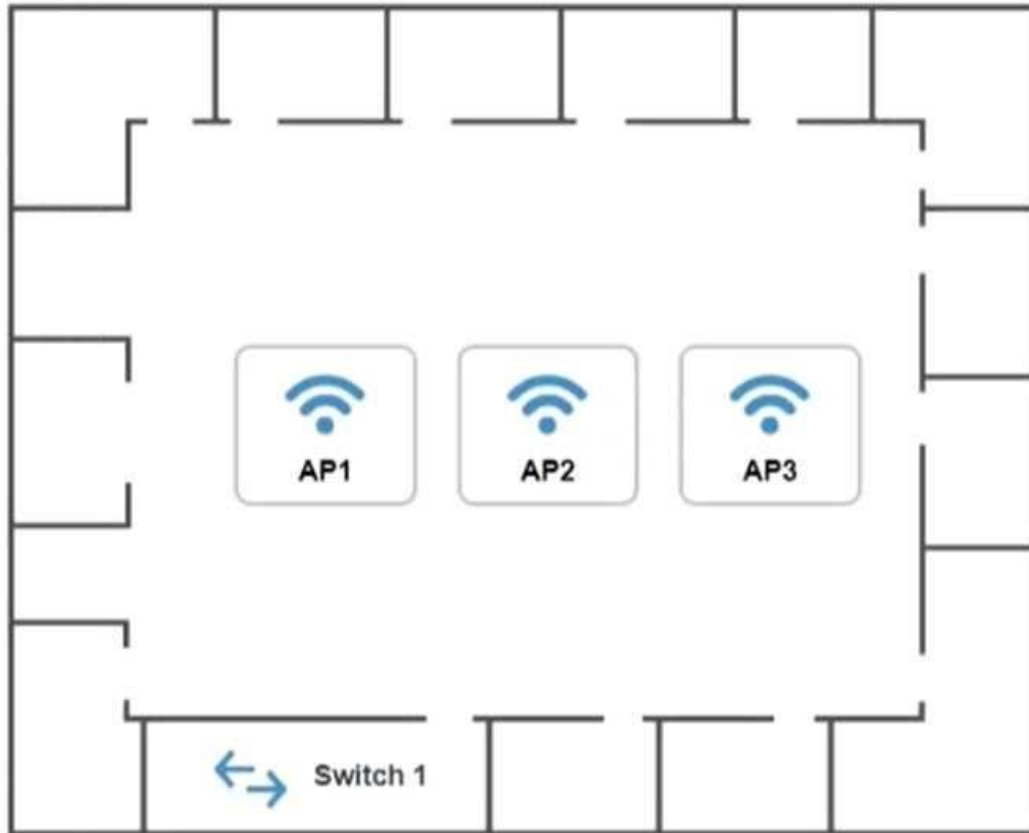
The Access Points should be configured to only support TKIP clients at a maximum speed

INSTRUCTIONS

Click on the wireless devices and review their information and adjust the settings of the access points to

meet the given requirements.

If at any time you would like to bring back the initial state of the simulation, please click the Reset All button.



192.168.1.2
Speed: Auto
Duplex: Auto

AP1 Configuration

https://ap1.setup.do

Basic Configuration

Access Point Name: AP1

IP Address: /

Gateway: 192.168.1.1

SSID:

SSID Broadcast: Yes No

Wireless

Mode:
 B
 G

Channel:

Wired

Speed: Auto 100 1000

Duplex: Auto Half Full

Security Configuration

Security Settings: None WEP WPA WPA2 WPA2 - Enterprise

Key or Passphrase:

AP2 Configuration

https://ap2.setup.do

Basic Configuration

Access Point Name: AP2

IP Address: /

Gateway: 192.168.1.1

SSID:

SSID Broadcast: Yes No

Wireless

Mode:
 B
 G

Channel:
 1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11

Wired

Speed: Auto 100 1000

Duplex: Auto Half Full

Security Configuration

Security Settings: None WEP WPA WPA2 WPA2 - Enterprise

Key or Passphrase:

AP3 Configuration
✕

⏪ ⏩ ↻

Basic Configuration

Access Point Name

IP Address

Gateway

SSID

SSID Broadcast Yes No

Wireless

Mode

Channel

Wired

Speed Auto 100 1000

Duplex Auto Half Full

Security Configuration

Security Settings None WEP WPA WPA2 WPA2 - Enterprise

Key or Passphrase

Reset to Default
Save
Close

Answer: See explanation below.

Explanation:

Explanation:

On the first exhibit, the layout should be as follows

Access Point Name AP1

IP Address 192.168.1.3

Gateway 192.168.1.2

SSID corpnet

SSID Broadcast yes

Mode G

Channel 1

Speed Auto

Duplex Auto

WPA

Passphrase S3cr3t!

Exhibit 2 as follows

Access Point Name AP2

IP Address 192.168.1.4

Gateway 192.168.1.2

SSID corpnet

SSID Broadcast yes

Mode G

Channel 6

Speed Auto

Duplex Auto

WPA

Passphrase S3cr3t!

Exhibit 3 as follows

Access Point Name AP3

IP Address 192.168.1.5

Gateway 192.168.1.2

SSID corpnet

SSID Broadcast yes

Mode G

Channel 11

Speed Auto

Duplex Auto

WPA

Passphrase S3cr3t!

Question: 7

A network is experiencing a number of CRC errors during normal network communication. At which of the following layers of the OSI model will the administrator MOST likely start to troubleshoot?

- A. Layer 1
- B. Layer 2
- C. Layer 3
- D. Layer 4

E. Layer 5
F. Layer 6
G. Layer 7

Explanation:

Answer: B