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QUESTION 1

What security vulnerabilities may result from a lack of staging, change management, and installation procedures for WLAN infrastructure equipment? (Choose 2)

A. The WLAN system may be open to RF Denial-of-Service attacks

B. WIPS may not classify authorized, rogue, and neighbor APs accurately

C. Authentication cracking of 64-bit Hex WPA-Personal PSK

D. Management interface exploits due to the use of default usernames and passwords for AP management

E. AES-CCMP encryption keys may be decrypted

Correct Answer: BD

QUESTION 2

What software and hardware tools are used together to hijack a wireless station from the authorized wireless network onto an unauthorized wireless network? (Choose 2)

A. RF jamming device and a wireless radio card

B. A low-gain patch antenna and terminal emulation software

C. A wireless workgroup bridge and a protocol analyzer

D. DHCP server software and access point software

E. MAC spoofing software and MAC DoS software

Correct Answer: AD

QUESTION 3

Given: ABC Company is deploying an IEEE 802.11-compliant wireless security solution using 802.1X/EAP authentication. According to company policy, the security solution must prevent an eavesdropper from decrypting data frames traversing a wireless connection.

What security characteristics and/or components play a role in preventing data decryption? (Choose 2)

A. Multi-factor authentication

B. 4-Way Handshake

C. PLCP Cyclic Redundancy Check (CRC)

D. Encrypted Passphrase Protocol (EPP)

E. Integrity Check Value (ICV)

F. Group Temporal Keys

Correct Answer: BF

QUESTION 4

Wireless Intrusion Prevention Systems (WIPS) provide what network security services? (Choose 2)

A. Configuration distribution for autonomous APs

B. Wireless vulnerability assessment

C. Application-layer traffic inspection

D. Analysis and reporting of AP CPU utilization

E. Policy enforcement and compliance management

Correct Answer: BE

QUESTION 5

You are using a protocol analyzer for random checks of activity on the WLAN. In the process, you notice two different EAP authentication processes. One process (STA1) used seven EAP frames (excluding ACK frames) before the 4-way handshake and the other (STA2) used 11 EAP frames (excluding ACK frames) before the 4-way handshake.

Which statement explains why the frame exchange from one STA required more frames than the frame exchange from another STA when both authentications were successful? (Choose the single most probable answer given a stable WLAN.)

A. STA1 and STA2 are using different cipher suites.

B. STA2 has retransmissions of EAP frames.

C. STA1 is a reassociation and STA2 is an initial association.

D. STA1 is a TSN, and STA2 is an RSN.

E. STA1 and STA2 are using different EAP types.

Correct Answer: E

QUESTION 6

You work as the security administrator for your organization. In relation to the WLAN, you are viewing a dashboard that shows security threat, policy compliance and rogue threat charts. What type of system is in view?

A. Wireshark Protocol Analyzer

B. Wireless VPN Management Systems

C. Wireless Intrusion Prevention System

D. Distributed RF Spectrum Analyzer

E. WLAN Emulation System

Correct Answer: C

QUESTION 7

Given: You are using WEP as an encryption solution. You are using VLANs for network segregation.

Why can you not establish an RSNA?

A. RSNA connections require TKIP or CCMP.

B. RSNA connections require BIP and do not support TKIP, CCMP or WEP.

C. RSNA connections require CCMP and do not support TKIP or WEP.

D. RSNA connections do not work in conjunction with VLANs.

Correct Answer: A

QUESTION 8

Role-Based Access Control (RBAC) allows a WLAN administrator to perform what network function?

A. Minimize traffic load on an AP by requiring mandatory admission control for use of the Voice access category.

B. Allow access to specific files and applications based on the user\\'s WMM access category.

C. Provide two or more user groups connected to the same SSID with different levels of network privileges.

D. Allow simultaneous support for multiple EAP types on a single access point.

Correct Answer: C

QUESTION 9

Given: Your organization is using EAP as an authentication framework with a specific type that meets the requirements of your corporate policies.

Which one of the following statements is true related to this implementation?

A. The client will be the authenticator in this scenario.

B. The client STAs must use a different, but complementary, EAP type than the AP STAs.

C. The client STAs may communicate over the uncontrolled port in order to authenticate as soon as Open System authentication completes.

D. The client STAs may communicate over the controlled port in order to authenticate as soon as the Open System authentication completes.

Correct Answer: C

QUESTION 10

Given: Many computer users connect to the Internet at airports, which often have 802.11n access points with a captive portal for authentication.

While using an airport hot-spot with this security solution, to what type of wireless attack is a user susceptible? (Choose 2)

A. Man-in-the-Middle

B. Wi-Fi phishing

C. Management interface exploits

D. UDP port redirection

E. IGMP snooping

Correct Answer: AB

QUESTION 11

A WLAN is implemented using WPA-Personal and MAC filtering.

To what common wireless network attacks is this network potentially vulnerable? (Choose 3)

A. Offline dictionary attacks

B. MAC Spoofing

C. ASLEAP

D. DoS

Correct Answer: ABD

QUESTION 12

ABC Company has deployed a Single Channel Architecture (SCA) solution to help overcome some of the common problems with client roaming. In such a network, all APs are configured with the same channel and BSSID. PEAPv0/EAP-MSCHAPv2 is the only supported authentication mechanism.

As the Voice over Wi-Fi (STA-1) client moves throughout this network, what events are occurring?

A. STA-1 initiates open authentication and 802.11 association with each AP prior to roaming.

B. The WLAN controller is querying the RADIUS server for authentication before the association of STA-1 is moved from one AP to the next.

C. STA-1 controls when and where to roam by using signal and performance metrics in accordance with the chipset drivers and 802.11k.

D. The WLAN controller controls the AP to which STA-1 is associated and transparently moves this association in accordance with the physical location of STA-1.

Correct Answer: D

QUESTION 13

What elements should be addressed by a WLAN security policy? (Choose 2)

A. Enabling encryption to prevent MAC addresses from being sent in clear text

B. How to prevent non-IT employees from learning about and reading the user security policy

C. End-user training for password selection and acceptable network use

D. The exact passwords to be used for administration interfaces on infrastructure devices

E. Social engineering recognition and mitigation techniques

Correct Answer: CE

QUESTION 14

Given: A large enterprise is designing a secure, scalable, and manageable 802.11n WLAN that will support thousands of users. The enterprise will support both 802.1X/EAP-TTLS and PEAPv0/MSCHAPv2. Currently, the company is upgrading network servers as well and will replace their existing Microsoft IAS implementation with Microsoft NPS, querying Active Directory for user authentication.

For this organization, as they update their WLAN infrastructure, what WLAN controller feature will likely be least valuable?

A. WPA2-Enterprise authentication/encryption

B. Internal RADIUS server

C. WIPS support and integration

D. 802.1Q VLAN trunking

E. SNMPv3 support

Correct Answer: B

QUESTION 15

You are using a utility that takes input and generates random output. For example, you can provide the input of a known word as a secret word and then also provide another known word as salt input. When you process the input it generates a secret code which is a combination of letters and numbers with case sensitivity. For what is the described utility used? (Choose 3)

A. Generating passwords for WLAN infrastructure equipment logins

B. Generating PMKs that can be imported into 802.11 RSN-compatible devices

C. Generating secret keys for RADIUS servers and WLAN infrastructure devices

D. Generating passphrases for WLAN systems secured with WPA2-Personal

E. Generating dynamic session keys used for IPSec VPNs

Correct Answer: ACD