CWSP-208 Übungsmaterialien - CWSP-208 Lernressourcen & CWSP-208 Prüfungsfragen

ITZert ist eine Website, die Ihnen zum Erfolg führt. ITZert bietet Ihnen die ausführlichen Schulungsmaterialien zur CWNP CWSP-208 (Certified Wireless Security Professional (CWSP)) Zertifizierungsprüfung, mit deren Hilfe Sie in kurzer Zeit das relevante Wissen zur Prüfung auswendiglernen und die Prüfung einmalig bestehen können.

CWNP CWSP-208 Prüfungsplan:

Thema	Einzelheiten
Thema 1	• Security Policy: This section of the exam measures the skills of a Wireless Security Analyst and covers how WLAN security requirements are defined and aligned with organizational needs. It emphasizes evaluating regulatory and technical policies, involving stakeholders, and reviewing infrastructure and client devices. It also assesses how well high-level security policies are written, approved, and maintained throughout their lifecycle, including training initiatives to ensure ongoing stakeholder awareness and compliance.
Thema 2	• Vulnerabilities, Threats, and Attacks: This section of the exam evaluates a Network Infrastructure Engineer in identifying and mitigating vulnerabilities and threats within WLAN systems. Candidates are expected to use reliable information sources like CVE databases to assess risks, apply remediations, and implement quarantine protocols. The domain also focuses on detecting and responding to attacks such as eavesdropping and phishing. It includes penetration testing, log analysis, and using monitoring tools like SIEM systems or WIPS • WIDS. Additionally, it covers risk analysis procedures, including asset management, risk ratings, and loss calculations to support the development of informed risk management plans.

Thema 3	- WLAN Security Design and Architecture: This part of the exam focuses on the abilities of a Wireless Security Analyst in selecting and deploying appropriate WLAN security solutions in line with established policies. It includes implementing authentication mechanisms like WPA2, WPA3, 802.1X - EAP, and guest access strategies, as well as choosing the right encryption methods, such as AES or VPNs. The section further assesses knowledge of wireless monitoring systems, understanding of AKM processes, and the ability to set up wired security systems like VLANs, firewalls, and ACLs to support wireless infrastructures. Candidates are also tested on their ability to manage secure client onboarding, configure NAC, and implement roaming technologies such as 802.11r. The domain finishes by evaluating practices for protecting public networks, avoiding common configuration errors, and mitigating risks tied to weak security protocols.
Thema 4	- Security Lifecycle Management: This section of the exam assesses the performance of a Network Infrastructure Engineer in overseeing the full security lifecycle—from identifying new technologies to ongoing monitoring and auditing. It examines the ability to assess risks associated with new WLAN implementations, apply suitable protections, and perform compliance checks using tools like SIEM. Candidates must also demonstrate effective change management, maintenance strategies, and the use of audit tools to detect vulnerabilities and generate insightful security reports. The evaluation includes tasks such as conducting user interviews, reviewing access controls, performing scans, and reporting findings in alignment with organizational objectives.

>> CWSP-208 Testengine <<

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Manche würden fragen, wo ist der Erfolg? Ich sage Ihnen, Erfolg ist bei ITZert. Wenn Sie ITZert wählen, können Sie Erfolg erzielen. Die Schulungsunterlagen zur CWNP CWSP-208 Zertifizierungsprüfung von ITZert helfen allen Kandidaten, die CWNP CWSP-208 Prüfung zu bestehen. Die Feedbacks von den Kandidaten zeigen, dass die Schulungsunterlagen bei den Kandidaten große Resonanz finden und einen guten Ruf genießen. Das heißt, wenn Sie die Schulungsunterlagen zur CWNP CWSP-208 Zertifizierungsprüfung von ITZert wählen, kommt der Erfolg auf Sie zu.

CWNP Certified Wireless Security Professional (CWSP) CWSP-208 Prüfungsfragen mit Lösungen (Q99-Q104):

99. Frage
After completing the installation of a new overlay WIPS for the purpose of rogue detection and security monitoring at your corporate headquarters, what baseline function MUST be performed in order to identify security threats?

- A. Authorized PEAP usernames must be added to the WIPS server's user database.
- B. WLAN devices that are discovered must be classified (rogue, authorized, neighbor, etc.) and a WLAN policy must define how to classify new devices.
- C. Upstream and downstream throughput thresholds must be specified to ensure that service-level agreements are being met.
- D. Separate security profiles must be defined for network operation in different regulatory domains

Antwort: B

Begründung:
After deploying a WIPS, an essential baseline activity is to classify all detected devices in the RF environment. These classifications allow the system to enforce security policies and detect policy violations.
Classifications include:
Authorized (managed devices)
Rogue (unauthorized, possibly dangerous)
Neighbor (not part of your network but legitimate)
External or Ad hoc devices
Without this initial classification, WIPS cannot properly assess threats or trigger alarms.
References:
CWSP-208 Study Guide, Chapter 7 - WIPS Classification and Threat Management CWNP CWSP-208 Objectives: "Device

Classification and Policy Enforcement"

100. Frage
Given: WLAN protocol analyzers can read and record many wireless frame parameters.
What parameter is needed to physically locate rogue APs with a protocol analyzer?

- A. BSSID
- B. Signal strength
- C. IP Address
- D. RSN IE
- E. Noise floor
- F. SSID

Antwort: B

Begründung:
While BSSID and SSID help identify and classify rogue APs, physically locating them requires using signal strength (often displayed as RSSI or dBm). By measuring signal strength from different locations, administrators can use a method called "triangulation" or "directional analysis" to approximate the physical location of the rogue device.
References:
CWSP-208 Study Guide, Chapter 6 - WLAN Protocol Analysis and Troubleshooting CWNP CWSP-208 Objectives: "Rogue Device Location and Tracking"

101. Frage
Given: ABC Company has a WLAN controller using WPA2-Enterprise with PEAPv0/MS-CHAPv2 and AES- CCMP to secure their corporate wireless data. They wish to implement a guest WLAN for guest users to have Internet access, but want to implement some security controls. The security requirements for the hot-spot include:
* Cannot access corporate network resources
* Network permissions are limited to Internet access
* All stations must be authenticated
What security controls would you suggest? (Choose the single best answer.)

- A. Require guest users to authenticate via a captive portal HTTPS login page and place the guest WLAN and the corporate WLAN on different VLANs.
- B. Use a WIPS to deauthenticate guest users when their station tries to associate with the corporate WLAN.
- C. Force all guest users to use a common VPN protocol to connect.
- D. Implement separate controllers for the corporate and guest WLANs.
- E. Configure access control lists (ACLs) on the guest WLAN to control data types and destinations.

Antwort: A

Begründung:
This solution meets all the requirements:
Captive portals allow simple authentication for guest users.
VLAN separation enforces network segmentation.
HTTPS ensures authentication is encrypted.
Incorrect:
A). Separate controllers are unnecessary and costly.
B). WIPS enforcement is reactive, not proactive for normal access control.
C). ACLs alone don't enforce authentication.
E). VPN requirements would be overly complex for guests.
References:
CWSP-208 Study Guide, Chapter 6 (Guest Network Architecture & Captive Portal Authentication)

102. Frage
Which one of the following describes the correct hierarchy of 802.1X authentication key derivation?

- A. The MSK is generated from the 802.1X/EAP authentication. The PMK is derived from the MSK. The PTK is derived from the PMK, and the keys used for actual data encryption are a part of the PTK.
- B. The PMK is generated from a successful mutual EAP authentication. When mutual authentication is not used, an MSK is created. Either of these two keys may be used to derive the temporal data encryption keys during the 4-way handshake.
- C. After successful EAP authentication, the RADIUS server generates a PMK. A separate key, the MSK, is derived from the AAA key and is hashed with the PMK to create the PTK and GTK.
- D. If passphrase-based client authentication is used by the EAP type, the PMK is mapped directly from the user's passphrase. The PMK is then used during the 4-way handshake to create data encryption keys.

Antwort: A

Begründung:
In 802.1X/EAP authentication:
The EAP method (e.g., EAP-TLS, PEAP) results in the generation of a Master Session Key (MSK).
The Pairwise Master Key (PMK) is derived from the MSK.
The Pairwise Transient Key (PTK) is derived from the PMK using nonces and MAC addresses during the 4- Way Handshake.
The PTK includes the actual keys used for data encryption.
Incorrect:
B). This applies to WPA/WPA2-Personal, not 802.1X/EAP.
C). The RADIUS server sends the MSK, not the PMK directly.
D). The MSK is always derived during EAP authentication, mutual or not.
References:
CWSP-208 Study Guide, Chapter 3 (Key Hierarchy)
IEEE 802.11i Specification

103. Frage
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. Wireless VPN Management Systems
- B. WLAN Emulation System
- C. Wireshark Protocol Analyzer
- D. Distributed RF Spectrum Analyzer
- E. Wireless Intrusion Prevention System

Antwort: E

Begründung:
A WIPS (Wireless Intrusion Prevention System) is designed to monitor WLAN activity and provide visualization and reporting related to:
Security threats (e.g., DoS attacks, rogue devices)
Policy compliance (e.g., allowed SSIDs, encryption types)
Rogue threat classification (e.g., rogue, neighbor, ad hoc)
The dashboard displaying this type of security-centric overview is characteristic of a WIPS platform.
References:
CWSP-208 Study Guide, Chapter 7 - WIPS Visualization and Monitoring
CWNP CWSP-208 Objectives: "Threat Visualization and Reporting"

104. Frage
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Jeder hat seinen eigenen Lebensplan. Wenn Sie andere Wahle treffen, bekommen Sie sicher etwas Anderes. So ist die Wahl serh wichtig. Die Schulungsunterlagen zur CWNP CWSP-208 Zertifizierungsprüfung von ITZert ist eine beste Methode, die den IT-Fachleuten helfen, ihr Ziel zu erreichen. Sie enthalten Prüfungsfragen und Antworten zur CWNP CWSP-208 Zertifizierung. Und sie sind den echten Prüfungen ähnlich. Es ist wirklich die besten Schulungsunterlagen.

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