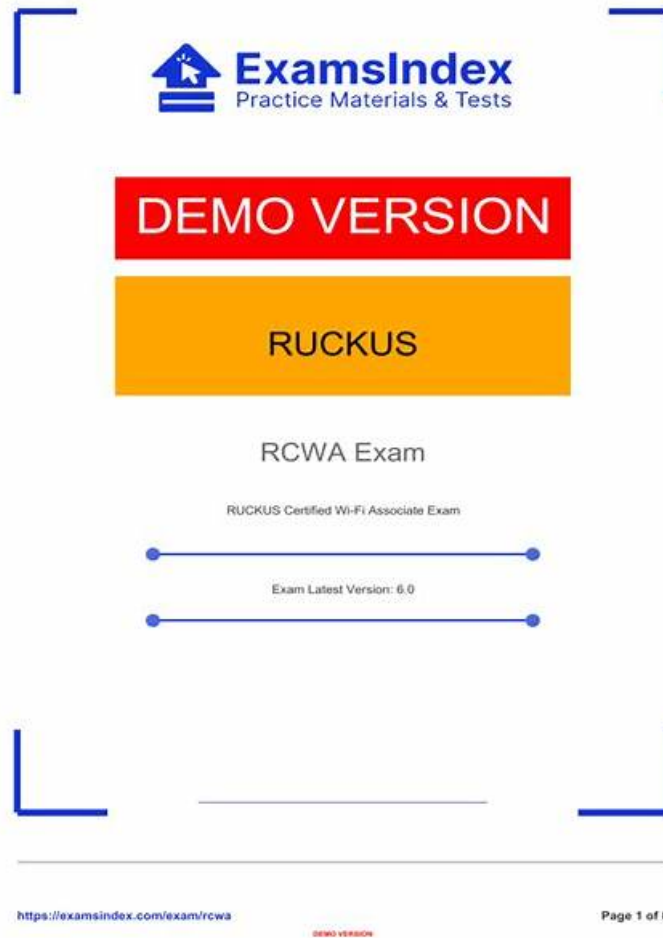


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It is apparent that a majority of people who are preparing for the RCWA exam would unavoidably feel nervous as the exam approaching, since you have clicked into this website, you can just take it easy now--our RCWA learning materials. Our company has spent more than 10 years on compiling study materials for the exam, and now we are delighted to be here to share our RCWA Study Materials with all of the candidates for the exam in this field. There are so many striking points of our RCWA preparation exam.

RUCKUS RCWA Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• RUCKUS Wi-Fi Solutions: This section of the exam measures skills of the Certified Logistics Technician and covers the detailed, hands-on implementation and setup of RUCKUS solutions, specifically for SmartZone and RUCKUS One platforms. It requires knowledge of initial system setup, implementing licensing, and configuring all core network elements, including clusters, redundancy, AP groups, zones, and advanced WLAN features such as dynamic VLANs and SmartMesh. The section also covers detailed AP configuration steps, best practices for deployment, and setting up security and access controls like RBAC and guest access via captive portals.

Topic 2	<ul style="list-style-type: none"> • Wi-Fi Solution Troubleshooting & Repair: This section of the exam measures skills of the Certified Logistics Associate and covers the essential processes for data gathering, analysis, and troubleshooting common issues, such as client connectivity failures and problems with AP-to-controller communication. It requires using diagnostic tools, including built-in speed tests and packet • frame capture, as well as understanding how to use logs and integrate with communication protocols like AAA, Syslog, and SNMP for effective diagnosis and repair.
Topic 3	<ul style="list-style-type: none"> • Foundational Wi-Fi technologies, standards & concepts: This section of the exam measures skills of the Certified Logistics Associate and covers the foundational principles of Wi-Fi, including radio frequency (RF) concepts, global 802.11 standards, and frequency channelization up to the latest standards (a • b • g • n • ac • ax • BE). It assesses knowledge of antenna characteristics, the difference between Mesh and point-to-point connections, and the basics of authentication methods, including certificate usage and the high-level steps of client roaming across access points.
Topic 4	<ul style="list-style-type: none"> • Designing & Planning a RUCKUS Wi-Fi Solution: This section of the exam measures skills of the Certified Logistics Technician and focuses heavily on the detailed process of planning a RUCKUS Wi-Fi network, including gathering design requirements using site survey tools like Ekahau. It assesses the ability to define strategies for traffic management, load balancing, and network segmentation using technologies like VXLAN. This area also covers selecting the right products for specific use cases, and designing comprehensive security policies that involve RADIUS, PKI, and Role-Based Access Control (RBAC), alongside detailed AP management planning like discovery methods and PoE budgeting.

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RUCKUS Certified Wi-Fi Associate Exam Sample Questions (Q13-Q18):

NEW QUESTION # 13

What is one advantage of RUCKUS BeamFlex+ over Transmit Beamforming?

- A. It increases radio Tx power.
- **B. It does not require supported client drivers.**
- C. It eliminates hardware PHY errors.
- D. It eliminates channel interference.

Answer: B

Explanation:

RUCKUS BeamFlex+ is an advanced adaptive antenna technology that dynamically selects from thousands of possible antenna patterns to optimize signal quality and performance for each client connection. Unlike Transmit Beamforming (TxBF), which depends on feedback from client devices that must support specific beamforming protocols, BeamFlex+ operates entirely on the access point side.

The key advantage of BeamFlex+ is that it does not require any client-side support or compatible drivers.

It continuously analyzes signal characteristics and client locations to select the optimal antenna pattern in real time, enhancing both range and throughput without additional client configuration.

According to the RUCKUS One Online Help and RUCKUS AI documentation, BeamFlex+ combines adaptive antenna pattern selection with polarization diversity (PD-MRC) to improve performance in dynamic environments. In contrast, Tx Beamforming requires

explicit feedback (channel state information) from clients-limiting its effectiveness when clients lack driver or chipset compatibility. Thus, the correct answer is D, as BeamFlex+ provides all the benefits of adaptive beamforming without the need for client-side dependencies.

References:

RUCKUS One Online Help - BeamFlex+ and Antenna Optimization Features

RUCKUS Analytics 3.5 User Guide - RF Optimization Metrics and BeamFlex+ Insights RUCKUS AI Documentation - Advanced Antenna Technologies (BeamFlex+ vs TxBF)

NEW QUESTION # 14

An administrator has installed a valid SSL certificate within SmartZone.

Which condition explains why the WISPr service does not use this certificate?

- A. Certificate Signing Request was not completed correctly.
- B. Unique certificates are required for WISPr.
- **C. Certificate is not mapped to the WISPr service.**
- D. Certificate has to be a wildcard certificate.

Answer: C

Explanation:

When a valid SSL certificate is installed on SmartZone, it is not automatically applied to all services. The WISPr (Wireless Internet Service Provider roaming) portal must have the certificate explicitly mapped to it in the Web Authentication settings.

According to RUCKUS One Online Help - Certificate Management and Portal Configuration, SSL certificates must be bound to individual services such as WISPr, SmartZone GUI, or AP web services. If a certificate is uploaded but not mapped, the portal continues using the default system certificate, leading to trust or validation errors for guest users.

The certificate does not need to be a wildcard, and WISPr can share a certificate with other services as long as it's properly assigned.

Reference:

RUCKUS One Online Help - SSL Certificate Installation and Mapping for WISPr RUCKUS Analytics 3.5 User Guide - Web Authentication and Certificate Validation Logs RUCKUS AI Documentation - Secure WISPr and HTTPS Certificate Configuration

NEW QUESTION # 15

An admin has configured a non-proxy RADIUS authentication server and applied it to a WLAN. Which state explains why user authentication is failing?

- A. Non-proxy requires a unique shared secret.
- **B. Each AP needs to be a RADIUS client.**
- C. Non-proxy only works with 802.1X authentication.
- D. Non-proxy authentication requires use of standard ports.

Answer: B

Explanation:

In non-proxy RADIUS mode, the SmartZone controller does not act as an intermediary for authentication requests. Instead, each access point (AP) communicates directly with the RADIUS server for client authentication.

According to RUCKUS One Online Help - WLAN Authentication Modes (Proxy vs Non-Proxy), the key requirement is that each AP must be defined as a RADIUS client in the RADIUS server configuration. If not, authentication requests from the APs are rejected because the server does not recognize their source IPs or shared secrets.

This behavior differs from proxy mode, where only the SmartZone controller needs to be added as a RADIUS client. Port numbers (1812/1813) and encryption types remain standard, and both 802.1X and MAC authentication are supported.

Therefore, authentication failure in this scenario occurs because each AP must be authorized individually in the RADIUS server when non-proxy mode is used.

Reference:

RUCKUS One Online Help - Proxy and Non-Proxy RADIUS Authentication Configuration RUCKUS Analytics 3.5 User Guide - Authentication Log Analysis and Proxy Modes RUCKUS AI Documentation - WLAN AAA Communication Paths and RADIUS Modes

NEW QUESTION # 16

What is a true statement regarding MIMO in Wi-Fi networks?

- A. It was introduced in 802.11n.
- B. It needs support on the AP only.
- C. It is supported upstream only.
- D. It uses a single transmitter.

Answer: A

Explanation:

MIMO (Multiple Input, Multiple Output) is a fundamental wireless technology that enhances Wi-Fi throughput and reliability by transmitting multiple data streams simultaneously using multiple antennas on both the transmitter and receiver. It was introduced in the IEEE 802.11n standard, which marked the beginning of high-throughput (HT) Wi-Fi.

According to RUCKUS One Online Help and the RUCKUS Analytics 3.5 User Guide, MIMO enables spatial multiplexing, diversity gain, and beamforming, allowing higher data rates and improved signal quality in multipath environments. Subsequent standards (802.11ac and 802.11ax) expanded this concept to MU-MIMO (Multi-User MIMO), allowing simultaneous communication with multiple clients.

MIMO requires support on both the AP and client for full functionality; otherwise, the connection falls back to single-stream operation. It is used in both uplink and downlink directions (especially in Wi-Fi 6 and later). Thus, option B-introduced in 802.11n- is correct, while options A, C, and D are incorrect.

Reference:

RUCKUS One Online Help - PHY Technologies and MIMO Concepts

RUCKUS Analytics 3.5 User Guide - Radio Metrics and Client PHY Data

RUCKUS AI Documentation - Wi-Fi 6 (802.11ax) MIMO and MU-MIMO Capabilities

NEW QUESTION # 17

An administrator has completed a new install of SmartZone-Essentials for switch management, and has configured the SmartZone IP as the registrar IP on an ICX 7450. Which condition explains why the switch is not connecting?

- A. SNMPv3 is not enabled on SmartZone.
- B. SmartZone High Scale is required for ICX switch management.
- C. DHCP options are not properly configured for the switch.
- D. SmartZone is not configured to allow self-signed certificates.

Answer: D

Explanation:

When deploying SmartZone-Essentials (SZ-100/SZ-144) for RUCKUS ICX switch management, the switches establish a secure HTTPS-based connection to the controller using the SmartZone registrar IP. A common issue preventing connection occurs when SmartZone is not configured to accept self-signed certificates-which are typically used by ICX switches by default for initial onboarding.

As described in the RUCKUS One Online Help - SmartZone Switch Management Setup and RUCKUS AI documentation, administrators must explicitly enable the option to "Allow Self-Signed Certificates" in the controller's Switch Management settings. Without this configuration, the SmartZone rejects the ICX connection request during SSL/TLS handshake, causing registration failure.

SNMPv3 configuration and DHCP options are unrelated to initial controller registration. Additionally, SmartZone-Essentials fully supports ICX management; SmartZone High Scale is not required.

Thus, the correct answer is C- the connection fails because the controller is not set to accept self-signed certificates from the switch.

References:

RUCKUS One Online Help - SmartZone Switch Management and Onboarding Configuration
RUCKUS Analytics 3.5 User Guide - Device Connection and Registration Monitoring
RUCKUS AI Documentation - ICX Switch Onboarding with SmartZone Essentials

NEW QUESTION # 18

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