

100% Pass Quiz RUCKUS - RCWA - Newest RUCKUS Certified Wi-Fi Associate Exam Latest Version

RCWA Exam Study Guide



RCWA

RUCKUS Certified Wi-Fi Associate Exam



HIGHLIGHTS

How to Register
Register online at the [RUCKUS Certifications Store](#)

Passing Score
67% or better

Number of Questions
52

Exam Duration
2 Hours

Proctoring
This exam is **remote proctored**. See the **What to Expect** document for details.

Validity Period
The RCWA Certification is valid for a period of three (3) years

Retake Policy
Once passed, you may not retake the exam except to recertify.
If failed, you may retake the exam immediately, however, after a second attempt you must wait 14 days. After a third or fourth attempt, you must wait 30 days. No more than 5 retakes are allowed within one year from your first attempt.

Exam Description

As a RUCKUS Certified Wi-Fi Associate (RCWA), you must be able to design, deploy and manage RUCKUS Wi-Fi solutions in a variety of production environments. This exam assesses your ability to design, configure, administer, troubleshoot and optimize RUCKUS Wi-Fi solutions.

The price for sitting the exam is \$150 USD.

Ideal Candidate

Before attempting the exam, you should have these critical competencies and experience:

- Basic RF fundamentals and methodologies
- Basic Routing and Switching
- Basic understanding of the IEEE 802.11 standards
- Purpose and methodologies of RF Site Surveys
- Data Networking Services (DHCP/DNS/NAT/Firewall/RADIUS/POE/NTP/Certificates/LDAP)
- RUCKUS Wi-Fi products and supporting software
- RUCKUS differentiating features and their functions (BeamFlex, ChannelFly)

Preparatory Courses and Study Materials

RUCKUS provides a variety of free online supporting courses listed on page 3 of this document. The Exam Blueprint starting on page 2 an overview of the topics covered in the exam. You can also use our [RCWA Nutshell Study Guide](#).

Target Audience

This certification is designed for wireless network designers, installers and administrators, Wi-Fi solutions architects and Wi-Fi support engineers tasked with design, installation, configuration, management, administration and troubleshooting of RUCKUS Wi-Fi deployments.

Self-Assessment Worksheet

To help you identify areas to focus your study activities, we offer a [self-assessment worksheet](#) that allows you to rate your confidence on the many topics covered in the exam. Below you'll find a blueprint of these topics with links into support documentation, followed by a list of supporting courseware.



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RCWA Exam Objectives Pdf | Exam RCWA Actual Tests

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our honorable customers.

RUCKUS Certified Wi-Fi Associate Exam Sample Questions (Q29-Q34):

NEW QUESTION # 29

The Background Scanning interval is increased to 90 seconds. Which three processes will take longer to update their data? (Choose three.)

- A. Channel throughput measurement
- **B. Auto-channel selection**
- **C. Rogue AP detection**
- D. Spectrum analysis
- **E. Auto power adjustment**
- F. Connected client count

Answer: B,C,E

Explanation:

Background Scanning in RUCKUS APs allows radios to periodically scan other channels to collect RF environment data while still serving clients. The scan interval determines how often the AP samples channel information for features like ChannelFly, Auto Cell Sizing, and rogue detection.

According to RUCKUS One Online Help - Background Scanning and RF Management, and RUCKUS Analytics 3.5 User Guide - RF Monitoring, increasing the Background Scanning interval to 90 seconds delays updates for processes that depend on real-time RF sampling, specifically:

Rogue AP Detection (B): Takes longer to discover unauthorized or neighboring APs.

Auto-Channel Selection (C): Updates channel quality metrics less frequently, slowing responsiveness to interference changes.

Auto Power Adjustment (E): Depends on scanning results to optimize transmit power for coverage balance, so adjustments occur less frequently.

Processes such as client count and throughput measurement rely on active client data, not background scanning, and spectrum analysis operates in a dedicated analysis mode outside of normal scanning intervals.

Reference:

RUCKUS One Online Help - Background Scanning Interval and RF Optimization RUCKUS Analytics 3.5 User Guide - Auto Channel and Power Adjustment Logic RUCKUS AI Documentation - Background Scanning and Rogue Detection Behavior

NEW QUESTION # 30

A wireless administrator wishes to consolidate the management of RUCKUS APs by onboarding three new sites to SmartZone 5.2. The APs currently managed by this SmartZone cluster are running AP firmware 5.2.1.0.1038. The administrator has noted the following AP software versions for each of the sites:

* The APs in San Mateo are running 200.7.10.202.121

* The APs in Toronto are running 102.0.0.0.5

* The APs in Mexico City are running 5.2.0.0.1412

Which three statements are true with regard to onboarding, one for each of these three sites? (Choose three.)

- **A. Toronto devices will use LWAPP to communicate to SmartZone.**
- **B. Mexico City devices are currently being managed by this cluster.**
- C. San Mateo devices need to be running Solo Code.
- **D. San Mateo devices can use ap-mode commands to onboard.**
- E. Mexico City devices can use CLI commands to onboard.
- F. Toronto devices will use SSH to communicate to SmartZone.

Answer: A,B,D

Explanation:

In this SmartZone 5.2 onboarding scenario:

* San Mateo (200.7.10.202.121): These APs are running Unleashed firmware, which cannot directly join a SmartZone controller.

According to the RUCKUS One Online Help - AP Firmware Migration, Unleashed APs must first be converted to Standalone (Solo) mode using CLI (set director ip <SZ_IP> or set scg ip) before they can connect. Thus, D (San Mateo devices can use ap-mode commands to onboard) is correct.

* Toronto (102.0.0.0.5): This firmware version represents ZoneDirector (ZD) code. APs on ZD firmware communicate using LWAPP, and to migrate them, administrators must perform a firmware conversion process (using set scg ip) for SmartZone

compatibility. Therefore, E (Toronto devices will use LWAPP to communicate to SmartZone) is correct.

* Mexico City (5.2.0.0.1412): These APs already match the SmartZone firmware family (5.2.x), meaning they are currently or can immediately be managed by this SmartZone cluster. Therefore, F is correct.

References:

RUCKUS One Online Help - AP Firmware Compatibility and Onboarding

RUCKUS Analytics 3.5 User Guide - Device Connection and Cluster Management RUCKUS AI Documentation - SmartZone AP Management and Migration Workflows

NEW QUESTION # 31

Which log category in SmartZone provides details about AP join requests and firmware compatibility issues?

- A. AP Manager Log
- B. System Log
- C. Events Log
- D. Control Plane Log

Answer: A

Explanation:

The AP Manager Log within SmartZone is dedicated to monitoring access point registration, join processes, firmware version checks, and heartbeat communication with the controller.

As stated in the RUCKUS One Online Help - Log Categories and Troubleshooting and the RUCKUS Analytics 3.5 User Guide - Device Connectivity Diagnostics, the AP Manager Log records messages about:

AP registration attempts

Join authorization success/failure

Firmware mismatch detection and upgrade triggers

The System Log covers controller-level events, the Events Log records systemwide notifications, and the Control Plane Log captures traffic flow analytics.

Reference:

RUCKUS One Online Help - SmartZone Logging and Event Analysis

RUCKUS Analytics 3.5 User Guide - Device Join and Firmware Status Analysis RUCKUS AI Documentation - SmartZone Logging Architecture

NEW QUESTION # 32

Which two statements are true regarding roaming on RUCKUS WLANs? (Choose two.)

- A. 802.11ac Aggregate MMPDUs decrease roam times.
- B. Use of 802.11r Fast-Transition depends on the Encryption option.
- C. Roaming can be enhanced by building 802.11k neighbor AP lists.
- D. 802.11u Hotspot integration increases roaming speed.
- E. 802.11w PMF enables additional probe responses for faster roaming.

Answer: B,C

Explanation:

Seamless roaming on RUCKUS WLANs is achieved through support for 802.11k, 802.11r, and 802.11v enhancements, which collectively improve handoff efficiency and reduce latency when clients move between APs.

According to RUCKUS One Online Help - Fast Roaming Configuration and RUCKUS AI Documentation - Client Mobility Optimization, the following statements are true:

802.11k (C): Enables APs to provide Neighbor Reports listing surrounding APs and their channels, allowing clients to make faster and more intelligent roaming decisions.

802.11r (D): Implements Fast BSS Transition (FT), reducing authentication delay during roaming by pre-establishing encryption keys. However, its operation depends on the encryption type—it is supported only with WPA2-Enterprise (802.1X) and WPA2/WPA3-Personal modes, not open WLANs.

The other options are incorrect: 802.11ac aggregation does not affect roaming; 802.11u supports Hotspot 2.0, not fast transition; and 802.11w (PMF) adds management frame protection, not roaming enhancements.

Thus, the correct answers are C (802.11k neighbor lists) and D (802.11r depends on encryption type).

Reference:

RUCKUS One Online Help - 802.11k/v/r Roaming Enhancements

NEW QUESTION # 33

Which administrative feature in SmartZone allows operators to assign role-based access to manage only specific zones or WLAN groups?

- A. Cluster Role
- B. AP Group
- C. Admin Domain
- D. Partner Domain

Answer: C

Explanation:

Admin Domains in SmartZone provide role-based access control (RBAC) by dividing system management into separate administrative scopes. Each Admin Domain can contain specific zones, WLANs, and devices, with access limited to assigned administrators. As outlined in RUCKUS One Online Help - Administrative Domains and Roles, this feature enables organizations or MSPs to securely delegate management tasks to different teams or customers while maintaining full isolation between configurations. Partner Domains exist only in vSZ-H (multi-tenant environments), while Cluster Roles manage global system functions. AP Groups are configuration containers but not access control boundaries.

References:

RUCKUS One Online Help - Admin Domains and User Roles Configuration

RUCKUS Analytics 3.5 User Guide - Administrative Access and Role Management RUCKUS AI Documentation - Multi-Domain Role-Based Management

NEW QUESTION # 34

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