

# RCWA Test Braindumps, Exam RCWA Price

## RCWA Exam Study Guide



### RCWA

#### RUCKUS Certified Wi-Fi Associate Exam



**Price: \$150 USD**  
[RUCKUS Certification Store](#)  
Passing Score: 65%  
Questions: 60  
Exam Duration: 2 Hours  
Study time: 20-60 hours  
Language: English only

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

**Retake Policy**  
Five (5) retakes allowed within one year.  
Retakes are restricted as follows:  
**1st:** one (1) immediate retake  
**2nd:** 14 days after first retake  
**3rd-5th:** 30 days between each retake

Each attempt is subject to exam fee.

**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.

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

- Foundational Wi-Fi technologies, standards, and concepts
- RUCKUS technologies, products, and solutions
- Designing and planning RUCKUS Wi-Fi solutions
- Wi-Fi solution installation, configuration, and setup
- Wi-Fi solution enhancement through tuning and optimization
- Wi-Fi solution troubleshooting and repair
- RUCKUS Wi-Fi solution management

**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 the [RCWA Nutshell Study Guide](#) (see [Other Online Resources](#) below)

**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.

**BEFORE SCHEDULING YOUR EXAM**  
Prepare and test your system by following the instructions in [what to expect](#) and this [video](#).

**QUESTIONS?**  
Contact [rcwa@ruckus.com](mailto:rcwa@ruckus.com)

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## Exam RCWA Price | Reliable RCWA Exam Practice

Our RCWA practice prep boosts varied functions to be convenient for you to master the RCWA training materials and get a good preparation for the exam and they include the self-learning function, the self-assessment function, the function to stimulate the exam and the timing function. We provide 24-hours online on RCWA Guide prep customer service and the long-distance professional personnel assistance to for the client. If clients have any problems about our study materials and we will solve the client's RCWA problems as quickly as we can.

## RUCKUS RCWA Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> <li>• Foundational Wi-Fi technologies, standards &amp; 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</li> <li>• b</li> <li>• g</li> <li>• n</li> <li>• ac</li> <li>• ax</li> <li>• 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.</li> </ul>
Topic 2	<ul style="list-style-type: none"> <li>• Designing &amp; 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.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>• Wi-Fi Solution Enhancement through Tuning and Optimization: This section of the exam measures skills of the Certified Logistics Technician and focuses on advanced techniques for fine-tuning and optimizing Wi-Fi network performance after deployment. It includes balancing load and frequency bands, implementing airtime fairness and decongestion methods, and using advanced 802.11 roaming amendments (k, r, v) to improve client mobility. The section also covers optimizing radio settings, such as Client Admission Control (CAC), and managing channel selection and power optimization, including the use of DFS and RUCKUS AI features.</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>• 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.</li> </ul>

## RUCKUS Certified Wi-Fi Associate Exam Sample Questions (Q34-Q39):

### NEW QUESTION # 34

Which RUCKUS technology prioritizes latency-sensitive traffic and maintains QoS across both wired and wireless segments?

- A. ChannelFly
- B. BeamFlex+
- C. PD-MRC
- D. SmartCast

**Answer: D**

Explanation:

SmartCast is RUCKUS's patented traffic classification and Quality of Service (QoS) technology. It dynamically prioritizes network packets based on type, marking delay-sensitive applications such as voice or video for prioritized transmission.

Per RUCKUS One Online Help - SmartCast Traffic Prioritization, SmartCast identifies traffic categories using Deep Packet Inspection (DPI) and applies corresponding 802.1p/DSCP markings across wired and wireless segments.

This ensures consistent service quality for time-sensitive applications even during network congestion.

BeamFlex+, PD-MRC, and ChannelFly operate at the RF level and do not manage traffic prioritization or QoS policies.

References:

RUCKUS One Online Help - SmartCast and Traffic Prioritization Overview

RUCKUS Analytics 3.5 User Guide - Application Performance and QoS Metrics RUCKUS AI Documentation - End-to-End QoS and Traffic Classification

### NEW QUESTION # 35

Which RUCKUS feature dynamically learns client data rates and channel conditions to recommend better-performing channels for each AP?

- A. SmartCast
- **B. ChannelFly**
- C. BeamFlex+
- D. PD-MRC

**Answer: B**

Explanation:

ChannelFly is RUCKUS's patented machine-learning-based dynamic channel selection algorithm. Unlike static or simple noise-based channel assignments, ChannelFly continuously measures actual throughput and learns the performance potential of each available channel.

According to the RUCKUS One Online Help - ChannelFly Overview and RUCKUS AI documentation, ChannelFly uses real-time capacity analysis instead of noise floor alone to choose channels that yield the highest throughput under current interference and load conditions.

BeamFlex+ manages antenna patterns, SmartCast handles QoS and traffic shaping, and PD-MRC enhances reception diversity - none perform dynamic channel learning.

References:

RUCKUS One Online Help - ChannelFly Dynamic Channel Management

RUCKUS Analytics 3.5 User Guide - RF Performance and Channel Optimization Metrics RUCKUS AI Documentation - Machine Learning in Channel Optimization

### NEW QUESTION # 36

Review the exhibit. What can be determined about this SmartZone? (Choose three.)

- A. This is a virtual SmartZone Essentials (vSZ-E).
- B. The controller is part of a four-node cluster.
- **C. The controller is using three port groups, one for each NIC/function.**
- **D. The server has three physical 1 Gbps NICs.**
- **E. This is a virtual SmartZone High-Scale (vSZ-H).**
- F. The management, control, and cluster interfaces use a single NIC.

**Answer: C,D,E**

Explanation:

The exhibit shows a virtual SmartZone (vSZ) configuration running in a VMware environment with three separate virtual NICs (vNICs), each mapped to a different port group: Management, Control, and Cluster.

According to RUCKUS One Online Help - SmartZone Interface Configuration and RUCKUS AI Documentation - SmartZone High-Scale Architecture, this design is specific to vSZ-H (High-Scale) deployments, which require three distinct network interfaces for distributed control, management, and cluster synchronization.

The three NIC mappings confirm physical or virtual separation of traffic for scalability and redundancy (A and E). vSZ-E (Essentials) requires only two interfaces (Management and Control) and does not use a dedicated cluster interface, distinguishing it from vSZ-H (D).

There is no indication of a four-node cluster in the exhibit, and SmartZone appliances typically show node counts under the Cluster Dashboard, not at the NIC configuration stage.

Thus, based on the configuration, this is a vSZ-H system with three NICs and three port groups, each serving a dedicated function.

Reference:

RUCKUS One Online Help - SmartZone vSZ-H Network Interface Roles

RUCKUS Analytics 3.5 User Guide - Controller Connectivity and Cluster Interfaces RUCKUS AI Documentation - vSZ-H Deployment Topologies and Port Group Mapping

### NEW QUESTION # 37

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

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

**Answer: A,D**

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

RUCKUS Analytics 3.5 User Guide - Client Roaming and Transition Events

RUCKUS AI Documentation - Fast Roaming Optimization and Encryption Dependencies

### NEW QUESTION # 38

What is the recommended overlap percentage for adjacent AP coverage areas to ensure seamless client roaming in enterprise environments?

- A. 5-10%
- B. 20-25%
- C. 10-15%
- D. 15-20%

**Answer: B**

Explanation:

To maintain seamless client roaming in enterprise-grade Wi-Fi environments, RUCKUS recommends 20-25% signal overlap between adjacent AP coverage cells.

According to RUCKUS One Online Help - Roaming and Coverage Design Guidelines, this overlap ensures clients maintain an adequate RSSI and SNR threshold during roaming events without coverage gaps.

RUCKUS Analytics 3.5 User Guide - Client Mobility Analysis confirms that insufficient overlap often leads to disconnects or sticky-client behavior, while excessive overlap increases co-channel interference.

This guideline applies across 2.4 GHz and 5 GHz deployments, ensuring smooth transitions for 802.11r/k/v-enabled clients.

Reference:

RUCKUS One Online Help - Wi-Fi Roaming and AP Overlap Design Principles RUCKUS Analytics 3.5 User Guide - Client

Roaming and RF Optimization RUCKUS AI Documentation - Roaming Performance and Cell Overlap Best Practices

### NEW QUESTION # 39

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Our RCWA exam guide is suitable for everyone whether you are a business man or a student, because you just need 20-30 hours to practice it that you can attend to your exam. There is no doubt that you can get a great grade. If you follow our learning pace, you

