

Pass Guaranteed Quiz 2026 High Hit-Rate RUCKUS RCWA: Technical RUCKUS Certified Wi-Fi Associate Exam Training



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 coursework.



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CommScope RUCKUS

In our software version of RCWA exam questions the unique point is that you can take part in the RCWA practice test before the real RCWA exam. You never know what you can till you try, so that they can enrich their knowledge before the real RCWA exam. However, confidence in yourself is the first step on the road to success. Our mock exam provided by us can help every candidate to get familiar with the Real RCWA Exam, which is meaningful for you to take away the pressure and to build confidence in the approach.

RUCKUS RCWA Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> • 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.

Topic 2	<ul style="list-style-type: none"> • RUCKUS Technologies, products & solutions: This section of the exam measures skills of the Certified Logistics Technician and covers RUCKUS-specific technologies, such as proprietary Wi-Fi features, Bonjour Gateway, and automated cell sizing capabilities. It focuses on the proper selection and sizing of RUCKUS controllers (SmartZone, Unleashed, ROne • Cloud) and Access Points (APs) based on platform limitations. Furthermore, it includes knowledge of advanced features like clustering, geo-redundancy, initial IoT integration, and the necessary processes for product licensing and using RUCKUS support tools and documentation.
Topic 3	<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 4	<ul style="list-style-type: none"> • RUCKUS Wi-Fi Solution Management: This section of the exam measures skills of the Certified Logistics Associate and covers the necessary administrative and maintenance tasks for the overall solution. This includes managing system upgrade paths, defining and controlling administrator roles using directory services and Multi-Factor Authentication (MFA), monitoring network events and alarms, and performing critical functions like backup and restoration on the SmartZone controller. It also addresses generating reports, setting health thresholds, and identifying and locating rogue access points on a map.

>> Technical RCWA Training <<

New RCWA Test Blueprint, RCWA Official Practice Test

It's our responsibility to offer instant help to every user on our RCWA exam questions. If you have any question about RCWA study materials, please do not hesitate to leave us a message or send us an email. Our customer service staff will be delighted to answer your questions on the RCWA learning engine. And we will give you the most professional suggestion on the RCWA practice prep with kind and considerate manner in 24/7 online.

RUCKUS Certified Wi-Fi Associate Exam Sample Questions (Q72-Q77):

NEW QUESTION # 72

Which two inputs are critical when using RUCKUS Wi-Fi Planner to design a predictive wireless network? (Choose two.)

- A. AP model selection
- B. DNS server address
- C. Building wall materials
- D. DHCP server IP
- E. Controller cluster size

Answer: A,C

Explanation:

RUCKUS Wi-Fi Planner (Wi-R Planner) is a predictive design tool that helps plan AP placement and coverage before physical deployment. It relies on environmental and hardware data to simulate accurate RF propagation.

According to RUCKUS One Online Help - Wi-Fi Planner Configuration, essential inputs include:

AP model selection (A): Determines transmit power, antenna gain, and coverage pattern.

Building wall materials (C): Define RF attenuation and signal propagation characteristics.

Parameters like DHCP/DNS settings or controller cluster size are not required for predictive modeling-they're part of post-deployment configuration.

Reference:

RUCKUS One Online Help - Wi-Fi Planner and RF Prediction

RUCKUS Analytics 3.5 User Guide - Pre-deployment Planning and Validation Metrics RUCKUS AI Documentation - Predictive Design and RF Modeling Best Practices

NEW QUESTION # 73

Which 802.11 amendment introduced the concept of frame aggregation to improve throughput efficiency?

- A. 802.11ax
- **B. 802.11n**
- C. 802.11ac
- D. 802.11a

Answer: B

Explanation:

The 802.11n amendment introduced frame aggregation to enhance throughput efficiency by reducing MAC-layer overhead. It combines multiple data frames into a single transmission unit, improving performance under high traffic loads.

According to RUCKUS One Online Help - 802.11 Standards Overview and RUCKUS Analytics 3.5 User Guide - PHY Efficiency Metrics, 802.11n added A-MSDU (Aggregate MAC Service Data Unit) and A-MPDU (Aggregate MAC Protocol Data Unit) mechanisms to optimize data transfer. This significantly increased throughput compared to earlier 802.11a/b/g implementations. Subsequent standards like 802.11ac and 802.11ax further refined aggregation efficiency but built upon the original concept from 802.11n.

References:

RUCKUS One Online Help - Wi-Fi 4 (802.11n) Efficiency Enhancements
RUCKUS Analytics 3.5 User Guide - Aggregation and Throughput Analysis
RUCKUS AI Documentation - Frame Aggregation in High-Efficiency Wi-Fi

NEW QUESTION # 74

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

Answer: C

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.

Reference:

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 # 75

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. DHCP options are not properly configured for the switch.

- C. SmartZone is not configured to allow self-signed certificates.
- D. SmartZone High Scale is required for ICX switch management.

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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 # 76

Partner Domains are specific to which RUCKUS management platform?

- A. RUCKUS Cloud
- B. vSZ-H
- C. vSZ-E
- D. Unleashed

Answer: B

Explanation:

Partner Domains are specific to the Virtual SmartZone - High Scale (vSZ-H) management platform. This feature is designed to provide multi-tenancy support for managed service providers (MSPs) and large enterprises managing multiple organizations under a single SmartZone instance.

As defined in the RUCKUS One Online Help - SmartZone Multi-Tenant Management, Partner Domains allow administrators to create separate logical domains, each with its own system administrators, policies, and reporting. This enables service providers to host multiple customers securely on the same vSZ-H infrastructure without sharing configuration or visibility across domains.

The vSZ-E (Essentials) version does not support Partner Domains because it is intended for single-tenant environments. Unleashed and RUCKUS Cloud provide simpler management for smaller deployments and inherently separate tenants by account, not by Partner Domain.

Therefore, B (vSZ-H) is the correct answer.

References:

RUCKUS One Online Help - SmartZone Multi-Tenancy and Partner Domain Overview RUCKUS Analytics 3.5 User Guide - Multi-Domain Management and Data Partitioning RUCKUS AI Documentation - SmartZone vSZ-H Architecture and Domain Isolation

NEW QUESTION # 77

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With the RUCKUS RCWA certification exam you can do your job nicely and quickly. You should keep in mind that the RUCKUS RCWA certification exam is a valuable credential and will play an important role in your career advancement. With the right RUCKUS RCWA Exam Preparation, commitment and dedication you can make this challenge easy and quick.

New RCWA Test Blueprint: <https://www.itcertmaster.com/RCWA.html>

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