

Exam RUCKUS RCWA Guide Materials - Free RCWA Updates



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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BTW, DOWNLOAD part of CertkingdomPDF RCWA dumps from Cloud Storage: https://drive.google.com/open?id=1_riorgXtSwvP-oUxcGIzh4GJJUtAfKj5

We provide a wide range of learning and preparation methodologies to the customers for the RCWA complete training. After using the RCWA products, success would surely be the fate of customer because, self-evaluation, highlight of the mistakes, time management and sample question answers in comprehensive manner, are all the tools which are combined to provide best possible results. We are also offering 100% money back guarantee to the customers in case they don't achieve passing scores in the RUCKUS RCWA in the first attempt.

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 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 3	<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 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.
Topic 5	<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 6	<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.

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Free RUCKUS RCWA Updates - RCWA Most Reliable Questions

Can you imagine that you only need to review twenty hours to successfully obtain the RCWA certification? Can you imagine that you don't have to stay up late to learn and get your boss's favor? With RCWA study quiz, passing exams is no longer a dream. If you are an office worker, RCWA Preparation questions can help you make better use of the scattered time to review. Just visit our website and try our RCWA exam questions, then you will find what you need.

RUCKUS Certified Wi-Fi Associate Exam Sample Questions (Q43-Q48):

NEW QUESTION # 43

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

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

Answer: A,C,D

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 # 44

A customer hosts all their business applications in AWS Cloud. They have 3,000 employees across multiple physical locations and wish to centrally manage the wireless and wired network.

Which three customer requirements are met by vSZ-E? (Choose three.)

- A. Supports Administrative Domains for each site
- B. Allows user traffic tunneling back to AWS
- C. Supports Cloud-hosted deployment
- D. Provides centralized management
- E. Meets the required scalability
- F. Supports multi-tenancy

Answer: C,D,E

Explanation:

The virtual SmartZone Essentials (vSZ-E) controller provides centralized management for up to 10,000 APs and 1,000 switches, making it ideal for large distributed enterprises that prefer self-hosted or cloud-based control.

According to RUCKUS One Online Help - SmartZone Essentials Overview, vSZ-E offers:

(B) Scalability to meet medium-to-large enterprise requirements (well above 3,000 employees).

(C) Centralized management for Wi-Fi and wired networks, including policy enforcement and firmware control.

(D) Cloud-hosted deployment capability, including operation in environments such as AWS, Azure, or VMware.

Unlike vSZ-H, vSZ-E does not support multi-tenancy or Partner/Administrative Domains, and it does not natively tunnel user data back to the cloud; data is locally bridged unless configured via GRE or VPN.

Reference:

RUCKUS One Online Help - vSZ-E Feature Overview and Scalability Guidelines RUCKUS Analytics 3.5 User Guide - Controller and Deployment Architecture Monitoring RUCKUS AI Documentation - vSZ-E Cloud Integration and Deployment Models

NEW QUESTION # 45

Review the exhibit.

Which area has the proper SNR for optimal video and voice performance?

- A. Breakroom
- B. Office

- C. Warehouse
- D. Boardroom

Answer: D

Explanation:

For optimal voice and video performance, RUCKUS recommends maintaining a Signal-to-Noise Ratio (SNR) of 25 dB or higher to ensure a clear, low-latency wireless link.

According to RUCKUS One Online Help - Wi-Fi Quality and SNR Thresholds and RUCKUS AI Documentation - VoIP and Streaming Application Optimization, SNR values above 25 dB correspond to high modulation and coding schemes (MCS8-MCS11 in Wi-Fi 6), supporting stable throughput with minimal jitter or packet loss.

The exhibit shows that the Boardroom maintains an SNR of 28 dB, which exceeds the recommended 25 dB threshold, making it ideal for HD video conferencing and VoIP applications.

Other areas (Office, Breakroom, Warehouse) fall below optimal levels, which can lead to voice dropouts, jitter, and reduced data rates.

RUCKUS Analytics 3.5 User Guide - Client Experience Metrics further validates SNR as a key indicator of real-time application quality.

Reference:

RUCKUS One Online Help - SNR and QoE Performance Standards for VoIP/Video RUCKUS Analytics 3.5 User Guide - Client SNR and MCS Analysis for Application Health RUCKUS AI Documentation - Real-Time SNR Monitoring and SLA Insights

NEW QUESTION # 46

Which two are true of a SmartZone cluster backup? (Choose two.)

- A. It is much smaller than a configuration backup.
- B. It can be performed even if the system services are stopped.
- C. It contains IP addressing and client statistical information.
- D. It can be restored onto a cluster of any SmartZone model.
- E. It puts the controller into maintenance mode when executed.

Answer: C,E

Explanation:

A SmartZone cluster backup is a comprehensive backup of the controller cluster's system and configuration data, intended for disaster recovery or migration to similar SmartZone platforms. According to the RUCKUS One Online Help - Cluster Backup and Restore and SmartZone Administration Guide (v5.2+), a cluster backup includes:

* Cluster and controller configuration, including IP addressing, zones, AP groups, WLANs, and policies.

* Client statistical data and historical analytics, which are also captured for restoration of system monitoring data.

When a cluster backup is initiated, the controller enters maintenance mode to ensure database consistency and prevent configuration changes during the process. This temporarily suspends management operations but preserves data integrity.

Cluster backups cannot be restored to different SmartZone models (e.g., vSZ to SZ-100) due to hardware and licensing differences.

Backups also require system services to be active during execution.

Therefore, the correct answers are B (contains IP addressing and client statistical information) and D (puts the controller into maintenance mode when executed).

References:

RUCKUS One Online Help - SmartZone Cluster Backup and Restore Procedures RUCKUS Analytics 3.5 User Guide - Controller and Cluster Data Retention Overview RUCKUS AI Documentation - SmartZone Backup and Recovery Process

NEW QUESTION # 47

Which three states are indicated by the LEDs on RUCKUS indoor APs? (Choose three.)

- A. Routable IP address assigned
- B. Insufficient PoE power
- C. Clients connected to a radio
- D. USB dongle inserted
- E. Controller connected
- F. Data plane tunnel connected

Answer: B,C,E

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