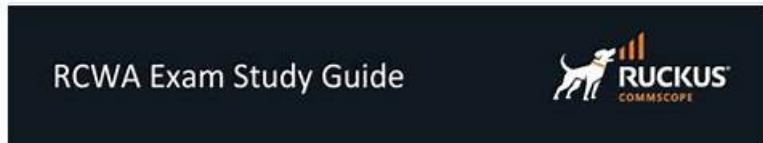


Money Back Guarantee on RUCKUS RCWA Exam Questions If You Don't Succeed



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/HTTP) Certificates/1x/802.11
- 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 is 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 solution 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 courses.

Commscope RUCKUS



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>> RCWA Passed <<

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People who get RCWA certification show dedication and willingness to work hard, also can get more opportunities in job hunting. It seems that RCWA certification becomes one important certification for many IT candidates. While a good study material will do great help in RCWA Exam Preparation. Actual4dump RCWA will solve your problem and bring light for you. RCWA exam

questions and answers are the best valid with high hit rate, which is the best learning guide for your RUCKUS RCWA preparation.

RUCKUS Certified Wi-Fi Associate Exam Sample Questions (Q52-Q57):

NEW QUESTION # 52

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

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

Answer: C

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 # 53

When planning a Wi-Fi network in RUCKUS Wi-Fi Planner, what is the primary purpose of defining attenuation values for wall materials?

- A. To adjust AP channel width automatically
- B. To calculate client RSSI thresholds
- C. To determine DHCP lease distribution zones
- D. To simulate RF signal loss for coverage prediction

Answer: D

Explanation:

In RUCKUS Wi-Fi Planner, defining attenuation values for wall materials enables the simulation of RF signal loss across physical barriers such as drywall, concrete, or glass.

According to RUCKUS One Online Help - Wi-Fi Planner RF Modeling, accurate wall attenuation data allows the planner to predict signal propagation and coverage maps with greater accuracy. This ensures optimal AP placement and reduces coverage overlap or dead zones.

The RUCKUS Analytics 3.5 User Guide - RF Validation Reports confirms that modeling real-world materials provides reliable pre-deployment visibility of expected SNR and throughput performance.

Other options-like RSSI thresholds or DHCP zoning-are not part of RF prediction modeling.

Reference:

RUCKUS One Online Help - RF Prediction and Attenuation Setup

RUCKUS Analytics 3.5 User Guide - Pre-deployment and Validation Reports RUCKUS AI Documentation - Predictive RF Design and Material Modeling

NEW QUESTION # 54

Which RUCKUS feature protects service quality by prioritizing real-time voice and video traffic over background data flows?

- A. Band Steering

- B. BeamFlex+
- C. SmartCast
- D. ChannelFly

Answer: C

Explanation:

SmartCast is RUCKUS's advanced Quality of Service (QoS) engine that prioritizes latency-sensitive traffic such as voice, video, and real-time collaboration apps.

According to RUCKUS One Online Help - SmartCast Overview and RUCKUS Analytics 3.5 User Guide - QoS Monitoring, SmartCast identifies traffic types using Deep Packet Inspection (DPI) and applies 802.1p /DSCP markings to preserve QoS across wired and wireless segments.

It dynamically manages airtime scheduling and retransmissions to maintain low delay and jitter. Other features-like BeamFlex+ (antenna optimization) or ChannelFly (channel selection)-do not handle traffic prioritization.

References:

RUCKUS One Online Help - SmartCast QoS and Traffic Prioritization

RUCKUS Analytics 3.5 User Guide - Application Performance Metrics

RUCKUS AI Documentation - SmartCast and Traffic Management Architecture

NEW QUESTION # 55

Which three Ethernet Port Profile configuration options are available in SmartZone for APs? (Choose three.)

- A. Spanning Tree mode
- B. Number of clients
- C. Port speed
- D. LAG creation
- E. 802.1X Authentication
- F. Tunnel Profile selection

Answer: A,C,E

Explanation:

An Ethernet Port Profile in SmartZone defines wired interface behavior and port settings for access points that have multiple Ethernet ports. These profiles are used to configure connectivity, security, and redundancy on wired links between APs and the upstream network.

According to the RUCKUS One Online Help - AP Ethernet Port Profiles and SmartZone 5.x Configuration Guide, the following parameters are supported:

- * Port Speed (A): Defines link negotiation-Auto, 10/100/1000 Mbps, or fixed rate.
- * Spanning Tree Mode (D): Controls loop prevention through STP configuration on AP Ethernet ports.
- * 802.1X Authentication (E): Enables port-based authentication for secure wired access on AP Ethernet interfaces, commonly used in hospitality and MDU deployments.

Other listed options-LAG creation (handled via controller-side link aggregation configuration), number of clients (a WLAN-level setting), and Tunnel Profile selection (handled under WLAN or Zone configuration)- are not part of the Ethernet Port Profile feature. Thus, the correct answers are A (Port speed), D (Spanning Tree mode), and E (802.1X Authentication).

References:

RUCKUS One Online Help - AP Ethernet Port Profile Configuration

RUCKUS Analytics 3.5 User Guide - Port Configuration and Wired Interface Statistics RUCKUS AI Documentation - AP Ethernet and Wired Port Control Features

NEW QUESTION # 56

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. San Mateo devices can use ap-mode commands to onboard.

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

Answer: A,E,F

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 Zone Director (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 # 57

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