

100% Pass 2026 Accurate RUCKUS RCWA: RUCKUS Certified Wi-Fi Associate Exam Reliable Dumps Ebook



RCWA

RUCKUS Certified Wi-Fi Associate Exam



HIGHLIGHTS

How to Register

Register online at the [RUCKUS Certification 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 courseware.

Commscope RUCKUS



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Confused About Where to Start Your RUCKUS RCWA Exam Preparation? Here's What You Need to Know

As we all know, the main problem is a lack of quality and utility in the IT fields. How to get you through the RUCKUS RCWA certification exam? We need choose high quality learning information. Prep4King will provide all the materials for the exam and free demo download. Like the actual certification exam, multiple choice questions (MCQ) help you pass the exam. Our RUCKUS RCWA Exam will provide you with exam questions with verified answers that reflect the actual exam. These questions and answers provide you with the experience of taking the actual test. High quality and Value for the RCWA Exam: 100% guarantee to Pass

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RUCKUS Certified Wi-Fi Associate Exam Sample Questions (Q42-Q47):

NEW QUESTION # 42

Which type of interference occurs when two APs are configured on channel 7 and channel 8 in the same physical space?

- A. Adjacent
- B. Multipath
- C. Diffraction
- D. Co-channel

Answer: A

Explanation:

When two access points operate on overlapping channels in the same frequency band—such as channel 7 and channel 8 in the 2.4 GHz range—they create Adjacent Channel Interference (ACI). Unlike co-channel interference (CCI), which occurs when APs share the exact same channel, ACI results from partial channel overlap that causes energy spillover between adjacent frequencies.

According to RUCKUS One Online Help - Radio Configuration and Channel Planning, adjacent channels in 2.4 GHz are only 5 MHz apart, while each Wi-Fi channel occupies 20-22 MHz of bandwidth. As a result, channels like 7 and 8 significantly overlap, creating degraded performance, retransmissions, and reduced throughput.

RUCKUS's ChannelFly technology in both RUCKUS AI and RUCKUS Analytics helps automatically select non-overlapping channels (such as 1, 6, and 11) to minimize ACI and optimize network capacity.

Therefore, the correct answer is A - Adjacent interference, which directly applies to overlapping channel configurations.

References:

RUCKUS One Online Help - Radio Channel Planning and ChannelFly Operation RUCKUS Analytics 3.5 User Guide - RF Interference Detection and Channel Utilization RUCKUS AI Documentation - Channel Optimization and Interference Management

NEW QUESTION # 43

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

- A. Band Steering
- B. SmartCast
- C. ChannelFly
- D. BeamFlex+

Answer: B

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 # 44

Which task will throttle download speeds on all ChromeOS devices on the STUDENT SSID and segment their device traffic into a separate VLAN?

- A. Create an Application Control Policy and apply it to the WLAN.
- B. Create a new WLAN for ChromeOS with a rate-limited VLAN.
- C. Create a Layer 2 Access Control Policy and apply it to the WLAN.
- D. Create a Device Policy and apply it to the WLAN.

Answer: D

Explanation:

To throttle download speeds for specific device types such as ChromeOS devices and assign them to a dedicated VLAN, the appropriate configuration is to create a Device Policy and apply it to the target WLAN.

According to the RUCKUS One Online Help - Device Policy Management, and RUCKUS AI documentation - Policy Control and Device Analytics, Device Policies can classify client devices based on operating system, MAC OUI, or fingerprinting data. Once identified, administrators can enforce rate limits, VLAN tagging, and access restrictions for that device type.

By applying this policy to the STUDENT SSID, all detected ChromeOS clients will have bandwidth limits applied and their traffic segmented into the configured VLAN for management and security isolation.

Other options such as Layer 2 ACLs or Application Control Policies manage packet-level permissions or app-level prioritization, not per-device bandwidth or VLAN segmentation. Creating a new WLAN is unnecessary since RUCKUS policy management allows dynamic device-based enforcement on a single SSID.

References:

RUCKUS One Online Help - Device Policy and VLAN Assignment by OS Type

RUCKUS Analytics 3.5 User Guide - Client Behavior and Policy Enforcement Analytics RUCKUS AI Documentation - Policy Control: Device Classification and Rate Limiting

NEW QUESTION # 45

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

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

Answer: A,B,C

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 # 46

Which capability within Client Isolation will allow clients to access specific destinations within the same subnet?

- A. Gateway access list
- B. Access control list
- C. Directed multicast
- D. Isolation whitelist

Answer: D

Explanation:

The Client Isolation feature on RUCKUS access points and controllers prevents wireless clients connected to the same SSID from communicating directly with each other within the same subnet. This is particularly important for guest or public networks to enhance security and privacy. However, administrators may sometimes need to allow access to specific network services or devices such as printers, gateways, or media servers within that same subnet.

RUCKUS systems address this need through the Isolation Whitelist capability. As described in the RUCKUS One Online Help and RUCKUS Cloud documentation, the Isolation Whitelist allows administrators to specify destination IP or MAC addresses that are exempt from client isolation rules. This enables controlled access without fully disabling client isolation across the network. Other options like directed multicast or access control list (ACL) manage traffic types or filtering policies but are not specific to client-to-client communication exceptions. Therefore, the Isolation Whitelist is the correct answer.

References:

RUCKUS One Online Help - WLAN Configuration: Client Isolation and Whitelist Options RUCKUS Analytics 3.5 User Guide - WLAN and Client Policy Analysis RUCKUS AI Documentation - Wireless Network Security and Client Isolation Controls

NEW QUESTION # 47

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