

Other RUCKUS RCWA Exam Keywords

RCWA Exam Study Guide



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/Pol/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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CommScope RUCKUS

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RCWA exam dumps

You have to put in some extra effort, time, and investment and prepare well to pass this milestone. Do you have a plan to get success in the RUCKUS RCWA certification exam? Are you looking for the right study material that ensures your success in the PDF4Test new real RUCKUS RCWA Exam Questions on your first attempt? If your answer is yes then you just need to get help from PDF4Test practice exam questions.

RUCKUS Certified Wi-Fi Associate Exam Sample Questions (Q27-Q32):

NEW QUESTION # 27

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

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

Answer: C

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.

Reference:

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 # 28

Which two actions can be applied using an Application Policy? (Choose two.)

- A. Assign VLAN
- B. Rate limiting
- C. URL filtering
- D. Packet capture
- E. Quality of Service

Answer: B,E

Explanation:

ARUCKUS Application Policyallows administrators to control network performance and user experience by classifying, prioritizing, and managing traffic based on the type of application detected on the network.

According toRUCKUS One Online Help - Application Control and Policy Management, andRUCKUS AI documentation, Application Policies can:

* Apply rate limiting (A):Control the bandwidth allocated to specific applications or application groups (e.g., limit video streaming or social media traffic).

* Apply Quality of Service (E):Mark or prioritize application traffic using DSCP or internal QoS levels to ensure latency-sensitive applications such as voice or conferencing receive higher priority.

RUCKUS leveragesDeep Packet Inspection (DPI)for identifying over 2,500+ applications, enabling precise enforcement per SSID or per user.

Other options-URL filtering,VLAN assignment, andpacket capture-are handled through separate mechanisms (Web filtering, Device Policy, and diagnostic tools, respectively), not via Application Policies.

Therefore, the correct answers areA (Rate limiting)andE (Quality of Service).

References:

RUCKUS One Online Help - Application Policy and Traffic Prioritization

RUCKUS Analytics 3.5 User Guide - Application Usage and Policy Enforcement Metrics RUCKUS AI Documentation - Application Recognition and Policy Control

NEW QUESTION # 29

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

- A. BeamFlex+
- B. Band Steering
- 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 # 30

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

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

Answer: A

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.

References:

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 # 31

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

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

Answer: A,C,F

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 # 32

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