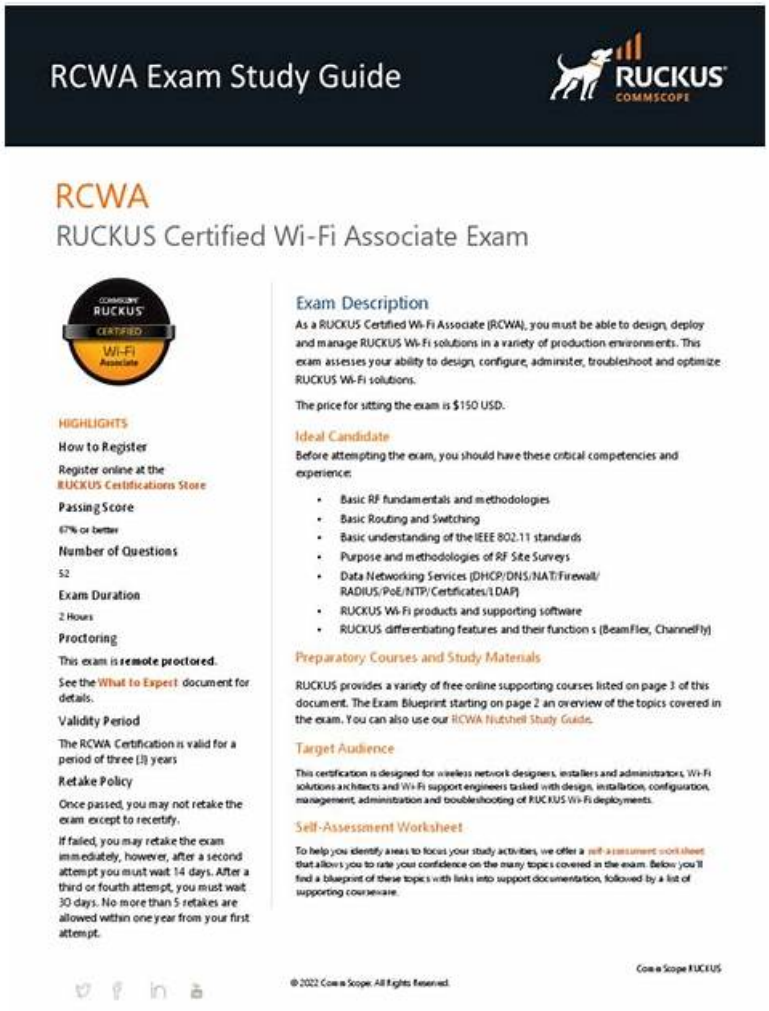
100% Pass RUCKUS - RCWA - Professional Study RUCKUS Certified Wi-Fi Associate Exam Center


RCWA Exam Study Guide

RUCKUS COMMSCOPE

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 function s (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.

CommScope RUCKUS

What's more, part of that PrepAwayPDF RCWA dumps now are free: https://drive.google.com/open?id=1Gtxkx7xsDmT5_j3VcAjPviO1QYKuy4ZP

Our RCWA learning guide beckons exam candidates around the world with our attractive characters. Our experts made significant contribution to their excellence. So we can say bluntly that our RCWAsimulating exam is the best. Our effort in building the content of our RCWA Study Materials lead to the development of learning guide and strengthen their perfection. You may find that there are always the latest information in our RCWA practice engine and the content is very accurate.

RUCKUS RCWA Exam Syllabus Topics:

Topic	Details
Topic 1	• 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 2	• 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	• 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.

Pass Your RUCKUS RCWA Exam with Confidence Using PrepAwayPDF Real RCWA Questions

RUCKUS Certification evolves swiftly, and a practice test may become obsolete within weeks of its publication. We provide free updates for RUCKUS RCWA Exam Questions for three months after the purchase to ensure you are studying the most recent RUCKUS solutions. Furthermore, PrepAwayPDF is a very responsible and trustworthy platform dedicated to certifying you as a specialist.

RUCKUS Certified Wi-Fi Associate Exam Sample Questions (Q51-Q56):

NEW QUESTION # 51
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.
Reference:
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 # 52
Which tool verifies RF spectrum for valid Wi-Fi networks and sources of non-Wi-Fi interference?

- A. RUCKUS Wi-Fi Planner
- B. WLAN discovery tool
- C. Chanalyzer
- D. Predictive site survey software

Answer: C

Explanation:
Chanalyzer is a specialized RF spectrum analysis tool developed for use with Wi-Spy spectrum analyzers. It is used to visualize and validate Wi-Fi and non-Wi-Fi interference sources across the 2.4 GHz and 5 GHz bands.
According to the RUCKUS One Online Help - Spectrum Analysis and RF Interference Tools, spectrum analysis tools like Chanalyzer can detect non-802.11 interference sources such as microwave ovens, Bluetooth devices, DECT phones, and radar signals. While RUCKUS APs have built-in spectrum analysis mode, Chanalyzer provides external, high-resolution spectrum visualization that helps confirm interference sources in physical environments.
In contrast, RUCKUS Wi-Fi Planner (or Wi-R Planner) is used for predictive RF design and coverage estimation, not live interference detection. The WLAN discovery tool identifies SSIDs and basic network parameters but cannot detect non-Wi-Fi signals.
Therefore, the correct answer is D (Chanalyzer) - the standard tool for verifying valid Wi-Fi operation and identifying non-Wi-Fi interference sources.
Reference:
RUCKUS One Online Help - Spectrum Analysis Overview and External Tool Support RUCKUS Analytics 3.5 User Guide - RF Performance and Noise Source Detection RUCKUS AI Documentation - RF Troubleshooting and Spectrum Validation

NEW QUESTION # 53
Which two statements about Auto Cell Sizing (ACS) are true? (Choose two.)

- A. It can automatically adjust radio power.
- B. It can automatically adjust channel selection.
- C. Tx power can be manually adjusted when using Auto Cell Sizing.
- D. It requires background scanning to be enabled.
- E. It is enabled by default.

Answer: A,D

Explanation:
Auto Cell Sizing (ACS) is a RUCKUS feature designed to automatically optimize the RF environment by dynamically adjusting transmit power levels of access points to ensure balanced coverage and minimal interference between APs.
According to the RUCKUS One Online Help - RF Management and Auto Cell Sizing and RUCKUS AI documentation - RF Optimization Tools, ACS:
Automatically adjusts radio transmit power (B) based on environmental conditions and neighboring AP coverage.
Requires background scanning to be enabled (D) so the system can measure the surrounding RF conditions and interference patterns.
ACS does not automatically adjust channel selection, as that functionality is handled by ChannelFly, a separate RUCKUS technology. It is not enabled by default, and manual power tuning is typically disabled when ACS is active, since the controller manages power dynamically to maintain optimal cell overlap.
Thus, the correct answers are B (it can automatically adjust radio power) and D (it requires background scanning to be enabled).
Reference:
RUCKUS One Online Help - RF Optimization: Auto Cell Sizing and ChannelFly RUCKUS Analytics 3.5 User Guide - RF Health and Adaptive Power Management RUCKUS AI Documentation - Adaptive RF Optimization and Power Adjustment Mechanisms

NEW QUESTION # 54
Which three external proxy and non-proxy authentication services are available in SmartZone?
(Choose three.)

- A. OAuth
- B. AD
- C. TACACS+
- D. LDAP
- E. RADIUS

- F. SAML

Answer: B,D,E

Explanation:
SmartZone controllerssupport a range ofexternal authentication servicesfor bothproxy (via controller)and non-proxy (direct-to-AAA)authentication mechanisms. According to theRUCKUS One Online Help - Authentication Services Configuration, the supported external services include:
* Active Directory (AD) (A):Used for domain-based user authentication and group policy enforcement.
* Lightweight Directory Access Protocol (LDAP) (B):Provides user authentication through directory lookup, commonly used for enterprise identity systems.
* RADIUS (E):A widely used AAA protocol that integrates with external servers such as FreeRADIUS, Cisco ISE, or Microsoft NPS for centralized authentication and accounting.
WhileSAMLandOAuthare used inRUCKUS Cloud and RUCKUS Onefor SSO (Single Sign-On) and API authentication, they arenot used for WLAN or AAA authenticationwithin SmartZone.TACACS+is not supported as an external client authentication method in SmartZone (it is only used for admin login on some platforms).
Therefore, the correct authentication services areA (AD),B (LDAP), andE (RADIUS).
References:
RUCKUS One Online Help - WLAN Authentication and AAA Integration
RUCKUS Analytics 3.5 User Guide - Authentication Logs and Proxy Mode Analysis RUCKUS AI Documentation - SmartZone AAA and External Authentication Architecture

NEW QUESTION # 55
Load Balancing can be configured to balance clients across access points based on which two criteria?
(Choose two.)

- A. Client count
- B. Proximity
- C. Client device type
- D. Client RSSI
- E. AP capacity

Answer: A,D

Explanation:
Client Load Balancingin RUCKUS WLANs is designed to optimize client distribution among nearby access points, preventing over-association to a single AP and improving overall airtime efficiency.
According to theRUCKUS One Online Help - Load Balancing and Band SteeringandRUCKUS Analytics 3.5 User Guide - Client Distribution Analysis, SmartZone load balancing can be configured using two key parameters:
* Client RSSI (B):The system evaluates the signal strength of a client device relative to multiple APs to ensure that it connects to the most suitable AP, not necessarily the strongest or first one detected.
* Client Count (C):Balances client connections by redistributing associations when one AP exceeds a configured threshold compared to its neighbors.
AP capacityanddevice typeare not direct load-balancing criteria, andproximityis implicitly derived from RSSI measurements rather than configured explicitly.
Therefore, the correct answers areB (Client RSSI)andC (Client count).
References:
RUCKUS One Online Help - Client Load Balancing Configuration
RUCKUS Analytics 3.5 User Guide - AP Load and Client Distribution Monitoring RUCKUS AI Documentation - Load Balancing and Client Steering Optimization

NEW QUESTION # 56
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