

Die seit kurzem aktuellsten RUCKUS Certified Wi-Fi Associate Exam Prüfungsunterlagen, 100% Garantie für Ihren Erfolg in der RUCKUS RCWA Prüfungen!

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/PoE/NTTP/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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Während andere Leute in der U-Bahn erstarren, können Sie mit Pad die PDF Version von RUCKUS RCWA Prüfungsunterlagen lesen. Während andere im Internet spielen, können Sie mit Online Test Engine der RUCKUS RCWA trainieren. Wir glauben, dass so fleißig wie Sie sind, können Sie bestimmt in einer sehr kurzen Zeit die RUCKUS RCWA Prüfung bestehen. Während andere noch über Ihre ausgezeichnete Erzeugnisse erstaunen, haben Sie wahrscheinlich ein wunderbare Arbeitsstelle bekommen.

Es gibt viele Methoden, die Ihnen beim Bestehen der RUCKUS RCWA Zertifizierungsprüfung helfen. Eine geeignete Methode zu wählen bedeutet auch eine gute Garantie. It-Prüfung bietet Ihnen gute RUCKUS RCWA Trainingsinstrumente und Schulungsunterlagen von guter Qualität. Die RUCKUS RCWA Prüfungsfragen und Antworten von It-Prüfung werden nach dem Lernprogramm bearbeitet. So sind sie von guter Qualität und besitzt zugleich eine hohe Autorität. Sie werden Ihnen helfen, die Prüfung sicher zu bestehen. It-Prüfung wird auch die Prüfungsmaterialien zur RUCKUS RCWA Zertifizierungsprüfung ständig aktualisieren, um Ihre Bedürfnisse abzudecken.

>> RCWA Ausbildungsressourcen <<

RCWA Quizfragen Und Antworten & RCWA Vorbereitung

Haben sie von RUCKUS RCWA Dumps von It-Prüfung gehört? Aber, Haben Sie diese Dumps benutzt? Viele Leute haben gesagt, dass It-Prüfung Dumps sehr gute Unterlagen sind, womit sie die RUCKUS RCWA Zertifizierungsprüfung bestanden haben. Wir It-Prüfung sind von vielen Leuten, die früher die RUCKUS RCWA Dumps benutzt haben, gut bewertet, weil sie wirklich viel

Zeit für die RUCKUS RCWA Prüfungen sparen und den Erfolg für die Teilnehmer garantieren.

RUCKUS RCWA Prüfungsplan:

Thema	Einzelheiten
Thema 1	• 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.
Thema 2	• 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.
Thema 3	• 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.
Thema 4	• 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.
Thema 5	• 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.

RUCKUS Certified Wi-Fi Associate Exam RCWA Prüfungsfragen mit Lösungen (Q32-Q37):

32. Frage

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

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

Antwort: C

Begründung:

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.

Reference:

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

33. Frage

What unit is commonly used to display RSSI values?

- A. Ohms
- B. dBi
- C. Watts
- **D. dBm**

Antwort: D

Begründung:

RSSI (Received Signal Strength Indicator) is a key measurement representing the power level of a received RF signal. It is typically displayed in dBm (decibel-milliwatts), a logarithmic unit that expresses the power relative to 1 milliwatt. In Wi-Fi systems, RSSI values usually range between -30 dBm (excellent) and -90 dBm (very weak).

According to the RUCKUS One Online Help and the RUCKUS Analytics 3.5 User Guide, signal strength metrics shown in dashboards, client views, and RF reports are represented in dBm for consistency across platforms. This allows network engineers to correlate signal levels with client connectivity performance and thresholds used for roaming or troubleshooting.

Other units such as dBi refer to antenna gain, Watts measure absolute power (not typically used in client reporting), and Ohms measure resistance. Thus, dBm is the correct and standard unit used for RSSI measurement in RUCKUS and all IEEE 802.11-based systems.

Reference:

RUCKUS One Online Help - Radio Settings and Signal Strength Indicators

RUCKUS Analytics 3.5 User Guide - Client Signal and Noise Metrics

RUCKUS AI Documentation - Understanding RSSI, SNR, and RF Metrics

34. Frage

The Background Scanning interval is increased to 90 seconds. Which three processes will take longer to update their data? (Choose three.)

- **A. Auto-channel selection**
- B. Channel throughput measurement
- **C. Auto power adjustment**
- D. Connected client count
- E. Spectrum analysis
- **F. Rogue AP detection**

Antwort: A,C,F

Begründung:

Background Scanning in RUCKUS APs allows radios to periodically scan other channels to collect RF environment data while still serving clients. The scan interval determines how often the AP samples channel information for features like ChannelFly, Auto Cell Sizing, and rogue detection.

According to RUCKUS One Online Help - Background Scanning and RF Management, and RUCKUS Analytics 3.5 User Guide - RF Monitoring, increasing the Background Scanning interval to 90 seconds delays updates for processes that depend on real-time

RF sampling, specifically:

Rogue AP Detection (B): Takes longer to discover unauthorized or neighboring APs.

Auto-Channel Selection (C): Updates channel quality metrics less frequently, slowing responsiveness to interference changes.

Auto Power Adjustment (E): Depends on scanning results to optimize transmit power for coverage balance, so adjustments occur less frequently.

Processes such as client count and throughput measurement rely on active client data, not background scanning, and spectrum analysis operates in a dedicated analysis mode outside of normal scanning intervals.

Reference:

RUCKUS One Online Help - Background Scanning Interval and RF Optimization RUCKUS Analytics 3.5 User Guide - Auto Channel and Power Adjustment Logic RUCKUS AI Documentation - Background Scanning and Rogue Detection Behavior

35. Frage

Client connections in a RUCKUS outdoor deployment are unstable at the outer edge. These client signals are not strong enough to properly communicate to the AP.

What action will resolve this issue?

- **A. Implement antennas with increased gain**
- B. Increase outdoor AP power
- C. Change client polarity to match AP
- D. Enable RTS/CTS mechanisms

Antwort: A

Begründung:

Weak client connectivity at the edge of coverage is typically caused by insufficient received signal strength rather than AP transmit power limitations. Increasing AP power does not help if the client device cannot transmit back effectively.

According to RUCKUS One Online Help - Outdoor RF Design and Antenna Optimization, the best corrective action is to use higher-gain directional or sector antennas (D), which focus RF energy toward client areas to improve link budget and two-way communication.

RUCKUS Analytics 3.5 User Guide - RF Link Quality Metrics confirms that directional gain antennas improve downlink and uplink SNR, enhancing stability without increasing interference footprint.

RTS/CTS helps mitigate collisions, and polarity alignment applies to point-to-point backhaul, not client coverage.

Reference:

RUCKUS One Online Help - Outdoor Deployment and Antenna Selection Guidelines RUCKUS Analytics 3.5 User Guide - SNR and Client Link Budget Troubleshooting RUCKUS AI Documentation - High-Gain Antenna Use for Extended Coverage

36. Frage

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

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

Antwort: C

Begründung:

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.

Reference:

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

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RCWA Quizfragen Und Antworten: <https://www.it-pruefung.com/RCWA.html>

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