

RUCKUS RCWA Prüfung - RCWA Prüfungsfragen

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 coursework.

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Außerdem sind jetzt einige Teile dieser ExamFragen RCWA Prüfungsfragen kostenlos erhältlich: <https://drive.google.com/open?id=16yxPxld7XAHZEofCWXVE87QAf9BubgPj>

RUCKUS RCWA Unterlagen von ExamFragen sind besser als andere entsprechende Unterlagen für RUCKUS RCWA Prüfung, weil sie einmaligen Erfolg der Prüfung gewährleisten. Die hohe Durchlaufrate sind von vielen Kandidaten geprüft. RUCKUS RCWA Dumps von ExamFragen sind der erfolgreiche Weg. Sie können viel Zeit für die Vorbereitung der RCWA Prüfung sparen und auch mit guter Note die RCWA Zertifizierungsprüfung machen.

RUCKUS RCWA Prüfungsplan:

Thema	Einzelheiten
Thema 1	• 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.

Thema 2	• 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.
Thema 3	• Wi-Fi Solution Enhancement through Tuning and Optimization: This section of the exam measures skills of the Certified Logistics Technician and focuses on advanced techniques for fine-tuning and optimizing Wi-Fi network performance after deployment. It includes balancing load and frequency bands, implementing airtime fairness and decongestion methods, and using advanced 802.11 roaming amendments (k, r, v) to improve client mobility. The section also covers optimizing radio settings, such as Client Admission Control (CAC), and managing channel selection and power optimization, including the use of DFS and RUCKUS AI features.

>> RUCKUS RCWA Prüfung <<

RCWA Prüfungsfragen & RCWA Online Test

Als ein Mitglied der IT-Branche, machen Sie sich noch Sorgen um die RUCKUS RCWA IT-Zertifizierungsprüfungen? Es ist nicht so leicht, die RUCKUS RCWA IT-Zertifizierungsprüfung, die Ihre relevanten Fachkenntnisse und Fähigkeiten überprüft, zu bestehen. Für die Kandidaten, die sich zum ersten Mal an der RUCKUS RCWA IT-Zertifizierungsprüfung beteiligen, ist ein zielgerichtetes Schulungsprogramm von großer Notwendigkeit. ExamFragen stellt den Kandidaten die zielgerichteten Programme, die Simulationsprüfung, zielgerichtete Lernhilfe und die Prüfungsfragen und Antworten, die 95% der realen Prüfung ähnlich sind, zur Verfügung. Schicken Sie doch schnell ExamFragen in den Warenkorb.

RUCKUS Certified Wi-Fi Associate Exam RCWA Prüfungsfragen mit Lösungen (Q42-Q47):

42. Frage

Which organization certifies wireless devices as interoperable across vendors?

- **A. Wi-Fi Alliance**
- B. International Standards Organization (ISO)
- C. Institute of Electrical and Electronics Engineers (IEEE)
- D. Internet Engineering Task Force (IETF)

Antwort: A

Begründung:

The Wi-Fi Alliance (WFA) is the global organization responsible for testing and certifying interoperability of wireless LAN products based on the IEEE 802.11 standards. While the IEEE develops and maintains the technical specifications (e.g., 802.11a/b/g/n/ac/ax), it does not perform certification or compliance testing. Instead, the Wi-Fi Alliance ensures that certified devices from different manufacturers operate together seamlessly under the "Wi-Fi CERTIFIED™" program. According to RUCKUS One Online Help and the RUCKUS AI documentation, RUCKUS access points and controllers undergo Wi-Fi Alliance certification to ensure compatibility with a wide range of client devices, including those using WPA3, Wi-Fi 6 (802.11ax), and Wi-Fi 6E technologies. This certification is critical for enterprise environments where heterogeneous client ecosystems exist.

The IETF focuses on internet protocols (e.g., IP, TCP), and the ISO handles broader international standards, not wireless interoperability. Therefore, the Wi-Fi Alliance is the correct organization ensuring cross-vendor interoperability for Wi-Fi.

Reference:

RUCKUS One Online Help - Wi-Fi Standards and Certification Overview

43. Frage

An administrator has completed a new install of SmartZone-Essentials for switch management, and has configured the SmartZone IP as the registrar IP on an ICX 7450. Which condition explains why the switch is not connecting?

- A. SmartZone High Scale is required for ICX switch management.
- **B. SmartZone is not configured to allow self-signed certificates.**
- C. DHCP options are not properly configured for the switch.
- D. SNMPv3 is not enabled on SmartZone.

Antwort: B

Begründung:

When deploying SmartZone-Essentials (SZ-100/SZ-144) for RUCKUS ICX switch management, the switches establish a secure HTTPS-based connection to the controller using the SmartZone registrar IP. A common issue preventing connection occurs when SmartZone is not configured to accept self-signed certificates-which are typically used by ICX switches by default for initial onboarding.

As described in the RUCKUS One Online Help - SmartZone Switch Management Setup and RUCKUS AI documentation, administrators must explicitly enable the option to "Allow Self-Signed Certificates" in the controller's Switch Management settings. Without this configuration, the SmartZone rejects the ICX connection request during SSL/TLS handshake, causing registration failure.

SNMPv3 configuration and DHCP options are unrelated to initial controller registration. Additionally, SmartZone-Essentials fully supports ICX management; SmartZone High Scale is not required.

Thus, the correct answer is C - the connection fails because the controller is not set to accept self-signed certificates from the switch.

Reference:

RUCKUS One Online Help - SmartZone Switch Management and Onboarding Configuration RUCKUS Analytics 3.5 User Guide - Device Connection and Registration Monitoring RUCKUS AI Documentation - ICX Switch Onboarding with SmartZone Essentials

44. Frage

Review the exhibit.

□ Which area has the proper SNR for optimal video and voice performance?

- A. Warehouse
- B. Breakroom
- **C. Boardroom**
- D. Office

Antwort: C

Begründung:

For optimal voice and video performance, RUCKUS recommends maintaining a Signal-to-Noise Ratio (SNR) of 25 dB or higher to ensure a clear, low-latency wireless link.

According to RUCKUS One Online Help - Wi-Fi Quality and SNR Thresholds and RUCKUS AI Documentation - VoIP and Streaming Application Optimization, SNR values above 25 dB correspond to high modulation and coding schemes (MCS8-MCS11 in Wi-Fi 6), supporting stable throughput with minimal jitter or packet loss.

The exhibit shows that the Boardroom maintains an SNR of 28 dB, which exceeds the recommended 25 dB threshold, making it ideal for HD video conferencing and VoIP applications.

Other areas (Office, Breakroom, Warehouse) fall below optimal levels, which can lead to voice dropouts, jitter, and reduced data rates.

RUCKUS Analytics 3.5 User Guide - Client Experience Metrics further validates SNR as a key indicator of real-time application quality.

Reference:

RUCKUS One Online Help - SNR and QoE Performance Standards for VoIP/Video RUCKUS Analytics 3.5 User Guide - Client SNR and MCS Analysis for Application Health RUCKUS AI Documentation - Real-Time SNR Monitoring and SLA Insights

45. Frage

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

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

Antwort: C,D

Begründung:

A RUCKUS Application Policy allows 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 to RUCKUS One Online Help - Application Control and Policy Management, and RUCKUS 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 leverages Deep Packet Inspection (DPI) for identifying over 2,500+ applications, enabling precise enforcement per SSID or per user.

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

Therefore, the correct answers are A (Rate limiting) and E (Quality of Service).

Reference:

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

46. Frage

Review the output. Which two states can be determined from this output? (Choose two.) rkscli: get scg

----- SCG Information -----

SCG Service is enabled.

AP is managed by SCG.

State: RUN_STATE

Server List: 10.1.1.245,47.187.140.218

SSH tunnel connected to 10.1.1.245

Failover List: Not Found

Failover Max Retry: 2

DHCP Opt43 Code: 6

Server List from DHCP (Opt43/Opt52): Not found

SCG default URL: RuckusController

SCG config heartbeat intervals: 30 | 30

SCG gwloss|serverloss timeouts: 1800 | 86400

Controller Cert Validation: disable

OK

- A. AP is waiting join state approval.
- B. AP is accepted and managed by the controller.
- C. Controller is behind a control NAT IP.
- D. Controller IP was set by DNS.
- E. AP data traffic is tunneled.

Antwort: B,C

Begründung:

The SmartZone CLI command get scg provides detailed information about an AP's connection to its controller.

From the output provided:

The "State: RUN_STATE" line confirms the AP is fully connected, accepted, and managed by the controller (E). If the AP were

pending, it would display "JOIN_STATE" or "CFG_STATE." The presence of two controller IPs and an SSH tunnel connection to 10.1.1.245 indicates a control-plane tunnel established via NAT traversal, meaning the controller is behind a control NAT IP (D). The "Controller Cert Validation: disable" line shows certificate validation is off, but it doesn't affect operational state. The Server List confirms static IP discovery rather than DNS-based assignment.

Thus, the AP is active and managed by the controller, with communication handled through an SSH-based control tunnel.

Reference:

RUCKUS One Online Help - AP Registration and Connection States (RUN_STATE) RUCKUS Analytics 3.5 User Guide - AP Connectivity and Tunnel Status Monitoring RUCKUS AI Documentation - SmartZone AP Join States and Control NAT Behavior

47. Frage

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Sie brauchen nicht die komplizierte Ordnungsarbeit machen. Sie brauchen nicht für eine lange Zeit warten. Auf unserer Webseite können Sie die neueste und zuverlässigste Prüfungsunterlagen für RUCKUS RCWA erhalten. Unterschiedliche Versionen bieten Ihnen unterschiedliche Erfindungen. Was zweifellos ist, dass alle Versionen von RUCKUS RCWA sind effektiv. Bezahlen Sie mit gesichertem Zahlungsmittel Paypal! Dann können Sie gleich die RUCKUS RCWA Prüfungsunterlagen herunterladen und benutzen!

RCWA Prüfungsfragen: <https://www.examinfragen.de/RCWA-pruefung-fragen.html>

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