RCNI

RUCKUS Certified Networking Implementer Exam

Price: $150 USD

RUCKUS Certification Store

Passing Score: 64%

Questions: 60

Exam Duration: 2 Hours

Study time: 20-60 hours

Language: English only

Target Audience

Engineers who manage, administer, and/or troubleshoot RUCKUS ICX networking deployments

Validity Period

RCNI Certification is valid for a period of three (3) years.

Retake Policy

Five (5) retakes allowed within one year.

Retakes are restricted as follows:
1st: one (1) immediate retake
2nd: 14-days after first retake
3rd–5th: 30-days between each retake

Each attempt is subject to exam fee.

Exam Description

The RUCKUS Certified Networking Implementer exam assesses your ability to deploy Ruckus ICX Switch products for production, manage Ruckus ICX Switch hardware, provide effective solutions to network deficiencies, and troubleshoot network performance through advanced solutions and tuning.

Ideal Candidate

Before attempting the exam, you should have these critical competencies and experience:

- **Understanding of advanced network Layer 2/3 protocols**
- **5+ years of network experience/exposure**
- **Basic network troubleshooting skills and experience**

Prerequisites

ICX 150 | ICX Implementer is available at CommScope University.

RUCKUS also offers a virtual, instructor-led RUCKUS ICX 150 Implementer course that covers the material tested on this exam.

Contact trainingsupport@commscope.com for additional information about these courses.

Target Audience

This certification is designed for personnel who are tasked with management, administration and troubleshooting RUCKUS ICX networking deployments, including RUCKUS ICX implementers as well as network-, deployment-, support-, and sales engineers.

Self-assessment & Preparation

To help you identify areas to focus your study activities, use the following blueprint of the exam topics, the support documentation, and list of supporting courseware provided.

Exam Delivery & Proctoring

- RUCKUS certification exams are delivered by Exam Studio.
- ProctorU proctors candidates via its Guardian Proctoring Browser.

BEFORE SCHEDULING YOUR EXAM
Prepare and test your system by following the instructions in What to Expect and this video.

Blueprint & Study Materials

The exam blueprint outlines the range of content that may be included in the exam. Although not comprehensive, the links to relevant support documentation suggest entry points and scope to help you study and prepare for the exam.

- **20-60 hours** or more of study time is <u>strongly</u> recommended. The exam is rigorous.
- Not all objectives have associated questions.
- Section weights are not exact; percentages *approximate* the focus of each section.

Weight	Section Name & Objectives
20%	**Foundational Networking Concepts**

- VLAN design or configuration
- STP or loop prevention protocols
- PoE requirements
- Basic LAN concepts
- Layer 3 routing configurations
- Basic QoS concepts

20%   RUCKUS Products & Solutions
- ICX product line

45%   ICX Solution Implementation
- ICX software management
- Stacking capabilities of the ICX
- Knowledge of PoE configuration
- Using Layer 2/3 protocols and ICX services
- Configuring/verifying IPv4 or IPv6 addressing on a switch interface
- Methods to manage an ICX switch
- Configuring multicase and security features

15%   ICX Solution Troubleshooting
- Basic networking troubleshooting
- Performing ICX switch recovery

Courses & Study Materials

RUCKUS ICX 150 Implementer

This training course concentrates on the duties performed by a network administrator within typical to complex network environments and focuses on the RUCKUS ICX series of switches running FastIron 8.0.95.

RUCKUS CommScope University
RUCKUS CommScope Support Website
RSP 100 Routing and Switching Protocols REV 0619
RUCKUS ICX Switch Product Line Data Sheet

ICX Management Using SmartZone (YouTube)
RUCKUS Ethernet Optics Data Sheet
RUCKUS FastIron Management Configuration Guide, 08.0.95

QUESTIONS?

Contact ruckuscerts@commscope.com