

RCNI

RUCKUS Certified Network Implementer Exam



Highlights

Price

\$150 USD at the [RUCKUS Certification Store](#)

Passing Score

64%

Questions

60

Exam Duration

2 Hours

Proctoring

This exam is remote proctored.

Validity Period

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

Retake Policy

No more than five retakes are allowed within one year. If you do not pass the exam on the first attempt, you may retake the exam immediately one (1) time. After the second attempt, you must wait 14 days before retaking the exam. For the third to fifth attempts, you must wait 30 days in between retakes. Each retake is subject to the \$150 USD 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

Preparatory Course

[ICX 150 | ICX Implementer](#) is available, free of charge, 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 and proctored by ProctorU. To successfully complete any RUCKUS certification exam, ProctorU requires a download of its [Guardian Proctoring Browser](#) prior to taking the exam. This [article and helpful video](#) will walk you through the required steps, what you need to have on hand for your exam, and what you can expect from the launch process.

See our [What to Expect](#) document for more details.

Exam Blueprint

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 are recommended.
- Not all objectives have associated questions.
- Section weights are not exact. The percentages indicate *approximately* how much of the exam content focuses on each section.

Weight	Section Name & Objectives
20%	Foundational Networking Concepts <ul style="list-style-type: none"> ▪ 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 <ul style="list-style-type: none"> ▪ ICX product line
45%	ICX Solution Implementation <ul style="list-style-type: none"> ▪ 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 <ul style="list-style-type: none"> ▪ Basic networking troubleshooting ▪ Performing ICX switch recovery

Study Materials

Preparatory Course

[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.

Please contact todd.cummings@commscope.com to enroll in an upcoming class.

Supporting Resources & Documentation

[RUCKUS CommScope University](#)
[RUCKUS CommScope Support Website](#)
[RSP 100 Routing and Switching Protocols REV 0619](#)
[ICX Management Using SmartZone \(YouTube\)](#)
[RUCKUS Ethernet Optics Data Sheet](#)
[RUCKUS FastIron Management Configuration Guide, 08.0.95](#)
[RUCKUS ICX Switch Product Line Data Sheet](#)