

RCNI

RUCKUS Certified Networking Implementer Exam



Price: \$150 USD

[RUCKUS Certification Store](#)

Passing Score: 64%

Questions: 50

Exam Duration: 2 Hours

Study time: 20-60 hours

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: You can re-register with no wait.

2nd: Wait 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.

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](#).

VERY IMPORTANT: BEFORE SCHEDULING YOUR EXAM

Prepare and test your system by following the instructions in the [RUCKUS What to Expect](#) guide and on [ProctorU's What to Expect on Exam Day](#).

QUESTIONS?

Contact ruckuscerts@commscope.com

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 **strongly** 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 10.0.10f.

[RUCKUS CommScope University](#)

[FastIron 10.0.20 \(GA\) Management Configuration Guide](#)

[RUCKUS CommScope Support Website](#)

[RUCKUS Ethernet Optics](#)

[RSP 100 Routing and Switching Protocols](#)

