

Reliable RCNI Study Guide & RCNI Reliable Exam Syllabus



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RUCKUS Certified Networking Implementer (RCNI) certification exams are a great way to analyze and evaluate the skills of a candidate effectively. Big companies are always on the lookout for capable candidates. You need to pass the RUCKUS Certified Networking Implementer (RCNI) certification exam to become a certified professional. This task is considerably tough for unprepared candidates however with the right RCNI prep material there remains no chance of failure.

RUCKUS RCNI Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">ICX Solution Troubleshooting: RUCKUS ICX networking Engineers are expected to demonstrate troubleshooting skills in this section. It covers basic networking troubleshooting techniques and procedures for performing ICX switch recovery. Candidates should be able to identify and resolve common network issues in ICX environments.
Topic 2	<ul style="list-style-type: none">RUCKUS Products & Solutions: RUCKUS ICX networking Engineers are expected to showcase their knowledge of RUCKUS products and solutions in this section. It focuses primarily on the ICX product line, covering various switch models and their capabilities. Candidates should be familiar with the features, specifications, and use cases of different ICX switches.
Topic 3	<ul style="list-style-type: none">Foundational Networking Concepts: This section of the exam measures the skills of RUCKUS ICX Network Administrators and covers essential networking concepts. It includes VLAN design and configuration, STP and loop prevention protocols, PoE requirements, basic LAN concepts, Layer 3 routing configurations, and basic QoS concepts. Candidates should be able to demonstrate proficiency in designing VLANs for network segmentation.
Topic 4	<ul style="list-style-type: none">ICX Solution Implementation: This significant portion of the exam assesses the skills of RUCKUS ICX Network Administrators in implementing ICX solutions. It covers ICX software management, stacking capabilities, PoE configuration, Layer 23 protocols, and ICX services, IPv4IPv6 addressing on switch interfaces, ICX switch management methods, and configuring multicast and security features. Candidates should be able to demonstrate proficiency in configuring stacking for scalable network deployments.

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RUCKUS Certified Networking Implementer Sample Questions (Q43-Q48):

NEW QUESTION # 43

Which ICX model has eight integrated QSFP28 ports?

- A. ICX7750-48F
- B. ICX7550-48F
- C. ICX7850-48F
- **D. ICX7650-48F**

Answer: D

NEW QUESTION # 44

Which statement is true about Secure Shell (SSH) functionality in FastIron 08.0.95?

- A. Default login timeout is 30 seconds.
- **B. Server function is disabled by default.**
- C. Outbound SSH sessions are not supported.
- D. Default SSH authentication type is RSA with 2048-bit modulus.

Answer: B

Explanation:

In RUCKUS FastIron software version 08.0.95, the Secure Shell (SSH) server functionality is disabled by default for security reasons. This means that, out of the box, the device will not accept incoming SSH connections until the SSH server is explicitly enabled by the administrator.

To enable the SSH server on a RUCKUS ICX device, follow these steps:

* Access Global Configuration Mode:

enable

configure terminal

* Enable the SSH Server:

crypto key generate rsa

ip ssh server enable

* The crypto key generate rsa command generates the RSA key pair necessary for SSH encryption.

* The ip ssh server enable command starts the SSH server, allowing the device to accept incoming SSH connections.

* Save the Configuration:

write memory

This ensures that the SSH server remains enabled after a reboot.

It's important to note that while the SSH server is disabled by default, the SSH client functionality is enabled, allowing the device to initiate outbound SSH

NEW QUESTION # 45

What is the maximum distance between ICX devices in a stack?

- A. 3 meters
- B. 9 meters

- C. 1 kilometer
- **D. 40 kilometers**

Answer: D

NEW QUESTION # 46

Which command could be used to find the system name of an attached device?

- A. show lldp neighbors
- B. ping
- **C. show chassis**
- D. show inline power

Answer: C

NEW QUESTION # 47

In the following output, what is the bridge priority of the root in hex?

STP instance owned by VLAN 1												
Global STP (IEEE 802.1D) Parameters:												
VLAN ID	Root ID	Root Cost	Root Port	Priority	Max Age	He- llo	Ho- ld	Fwd dly	Last Chang	Chg cnt	Bridge Address	
1	8000488f5a0bcb05	2000	41/1/2	9c49	20	2	1	15	628	3	78a6e13d99d4	

- A. 0
- **B. 1**
- C. 2
- D. 9c49

Answer: B

Explanation:

* Understanding Bridge Priority:

* The bridge priority in the Spanning Tree Protocol (STP) is represented in hexadecimal format in RUCKUS ICX switches.

* In the output, the bridge priority is a combination of the priority value (default is 32768 or 0x8000 in hex) and the VLAN ID.

* Why It Is 8000:

* Unless explicitly modified, the default bridge priority is 8000 in hexadecimal.

* Why Other Options Don't Apply:

* B. 0: This value does not align with the default or modified priority values.

* C. 9c49: This might represent a different component of the output, such as MAC address.

* D. 20009: This is an incorrect representation of the bridge priority.

References:

* ICX Spanning Tree Configuration Guide: RUCKUS Documentation

NEW QUESTION # 48

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