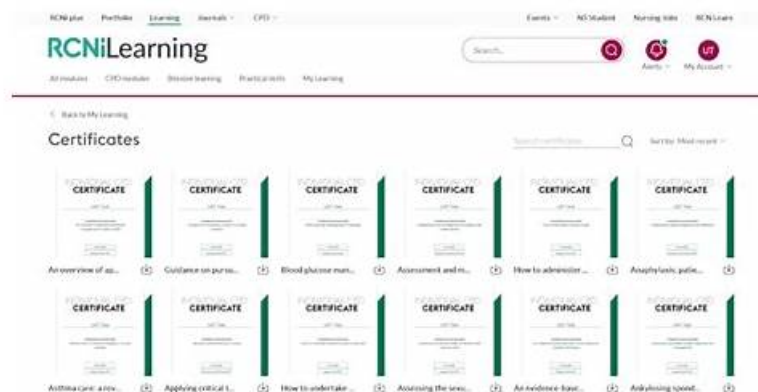


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This is a RUCKUS RCNI practice exam software for Windows computers. This RCNI practice test will be similar to the actual RCNI exam. If user wish to test the RUCKUS Certified Networking Implementer (RCNI) study material before joining BraindumpsPrep, they may do so with a free sample trial. This RCNI Exam simulation software can be readily installed on Windows-based computers and laptops. Since it is desktop-based RCNI practice exam software, it is not necessary to connect to the internet to use it.

RUCKUS RCNI Exam Syllabus Topics:

Topic	Details
Topic 1	<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 2• 3 protocols, and ICX services, IPv4• IPv6 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.
Topic 2	<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 3	<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 4	<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.

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RUCKUS Certified Networking Implementer Sample Questions (Q49-Q54):

NEW QUESTION # 49

Which command enables global IPv6 capabilities?

- A. ipv6 dhcp6-server enable
- B. ipv6 multicast
- C. ipv6 unicast-routing
- D. ipv6 nd proxy

Answer: C

NEW QUESTION # 50

What is the maximum number of software images that can be stored simultaneously on an ICX switch?

- A. 0
- B. 1
- C. 2
- D. 3

Answer: C

Explanation:

RUCKUS ICX switches are designed to store multiple software images simultaneously, allowing network administrators to manage firmware versions effectively. The maximum number of software images that can be stored on an ICX switch is three.

Image Storage Structure:

* Primary Image:

* The main firmware image that the switch loads during the boot process.

* Secondary Image:

* An alternative firmware image that can be used for redundancy or testing purposes.

* Tertiary (or Additional) Image:

* A third firmware image slot available for further flexibility in image management.

Managing Software Images:

* Viewing Stored Images:

* To display the software images stored on the switch, use the following command:

```
sql
```

Copy code

```
show flash
```

* This command lists all firmware images present in the switch's flash memory.

* Setting Boot Preferences:

* To specify which image the switch should load on the next reboot, use:

```
sql
```

Copy code

```
boot system flash primary
```

* Replace primary with secondary or tertiary as needed.

* Upgrading Firmware:

* When upgrading the switch firmware, you can upload the new image to any of the available slots (primary, secondary, or tertiary) without overwriting existing images, providing a fallback option if needed.

Best Practices:

* Maintain Multiple Images:

* Keeping multiple firmware images allows for quick recovery in case of issues with the current running image.

* Regular Updates:

- * Ensure that the stored images are up-to-date to maintain security and feature enhancements.
 - * Consistent Configuration:
 - * After uploading a new image, verify that the switch configuration is compatible with the firmware version to prevent potential issues.
- References:
- * RUCKUS FastIron 08.0.90 Command Reference Guide

NEW QUESTION # 51

What is the maximum Wattage for a PoE+ interface with PoE overdrive enabled?

- A. 0
- B. 1
- C. 2
- D. 3

Answer: C

NEW QUESTION # 52

Which three factors must be considered when ordering a replacement power supply for an ICX7650? (Choose three.)

- A. DC vs AC power
- B. airflow direction
- C. 110 vs 220 volt
- D. hotswap vs non-hotswap
- E. PoE vs non-PoE
- F. active vs passive cooling

Answer: A,C,E

NEW QUESTION # 53

Which configuration steps will add untagged ethernet ports 1/1/1 and 1/1/2 and tagged ethernet port 1/2/1 to VLAN 10?

- A. untagged ethernet 1/1/1 to 1/1/2 vlan 10
tagged ethernet 1/2/1 vlan 10
- B. vlan 10
no tagged ethernet 1/1/1 to 1/1/2
tagged ethernet 1/2/1
- C. vlan 10
untagged ethernet 1/1/1 to 1/1/2
tagged ethernet 1/2/1
- D. untagged ethernet 1/1/1 to 1/1/2
tagged ethernet 1/2/1
vlan 10

Answer: C

Explanation:

To configure RUCKUS ICX switch ports 1/1/1 and 1/1/2 as untagged members of VLAN 10, and port 1/2/1 as a tagged member of VLAN 10, follow these steps:

- * Access the Switch's Command Line Interface (CLI):
- * Use SSH or a direct console connection to access the switch's CLI.
- * Enter Global Configuration Mode:
- * At the prompt, enter:

bash

Copy code

enable

configure terminal

* Create or Select VLAN 10:

* Ensure VLAN 10 exists. If not, create it:

Copy code

```
vlan 10
```

* Assign Ports 1/1/1 and 1/1/2 as Untagged in VLAN 10:

* Within VLAN 10 configuration, assign the ports:

```
css
```

Copy code

```
untagged ethernet 1/1/1 to 1/1/2
```

* Assign Port 1/2/1 as Tagged in VLAN 10:

* Still within VLAN 10 configuration, assign the port:

Copy code

```
tagged ethernet 1/2/1
```

* Exit Configuration Mode and Save Changes:

* Exit to the previous mode:

```
bash
```

Copy code

```
exit
```

* Save the configuration to ensure changes persist after a reboot:

```
arduino
```

Copy code

```
write memory
```

* VLAN Configuration:

* The command `vlan 10` selects VLAN 10 for configuration. If VLAN 10 does not exist, this command creates it.

* Untagged Ports:

* The command `untagged ethernet 1/1/1 to 1/1/2` assigns ports 1/1/1 and 1/1/2 as untagged members of VLAN 10. Untagged ports are typically used for end devices that do not tag their own traffic.

* Tagged Ports:

* The command `tagged ethernet 1/2/1` assigns port 1/2/1 as a tagged member of VLAN 10. Tagged ports are commonly used for trunk links between switches or other network devices that handle multiple VLANs.

* Command Syntax:

* The sequence of commands in option D correctly follows the RUCKUS ICX switch configuration syntax, ensuring that the ports are appropriately assigned to VLAN 10.

References:

* VLAN configuration on Ruckus ICX switches for Ruckus Wireless WLAN's





* ICX 7150 tag port VLAN1 - RUCKUS Community Forums

NEW QUESTION # 54

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