

Pass Guaranteed Quiz 2025 RUCKUS RCNI Fantastic Test Question

```
aaa authentication web-server default local
aaa authentication login default radius local
enable aaa console
radius-server host 194.60.90.55 auth-port 1812 acct-port 1813 default key 2 $XThVXCVuZFVuVg==
```

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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 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.
Topic 2	<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 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">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.

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RUCKUS Certified Networking Implementer Sample Questions (Q46-Q51):

NEW QUESTION # 46

Which two Power over Ethernet (PoE) features on the ICX will be enabled by the inline power poe-ha command? (Choose two.)

- A. power limit
- B. PoE Overdrive
- C. power priority
- D. Fast Boot
- E. Perpetual PoE

Answer: D,E

Explanation:

The inline power poe-ha command on RUCKUS ICX switches enables two key Power over Ethernet (PoE) features:

* Fast Boot PoE: This feature ensures that PoE power is delivered to connected devices immediately upon switch startup, without waiting for the entire system to boot up. This is crucial for devices that need to be operational as soon as possible, such as IP phones or security cameras. To enable Fast Boot PoE, enter interface configuration mode and execute the command:

inline power poe-ha

This command ensures that PoE is delivered promptly during the boot process.

* Perpetual PoE: This feature maintains PoE power to connected devices even when the switch undergoes a soft reboot or firmware upgrade. It ensures uninterrupted power delivery, preventing devices from losing power during such events. To enable Perpetual PoE, use the same command in interface configuration mode:

By configuring this command, the switch provides continuous PoE power during reboots.

For more detailed information on these features and their configuration, refer to the RUCKUS Community Forum post titled "Things to consider about PoE at a glance, when deploying." Ruckus Wireless Community

NEW QUESTION # 47

Based on the following configuration, which statement is true?

```
ICX-Router (config)# ipv6 unicast-routing
ICX-Router (config)# interface ethernet 1/3/1
ICX-Router (config-if-e1000-1/3/1)# ip address 10.172.10.1/24
ICX-Router (config-if-e1000-1/3/1)# ipv6 address 2001:db8:12d:1300::/64
```

- A. The interface will transmit and receive both IPv4 and IPv6 traffic simultaneously.
- B. ICX devices only support dual-stacked IPv4 and IPv6 configuration on a VE interface.
- C. The ipv6 enable command must also be configured at the interface level.
- D. ICX devices do not support IPv4 and IPv6 addresses configured on the same interface.

Answer: A

NEW QUESTION # 48

Which command enables Open Shortest Path First (OSPF) globally?

- A. ip ospf cost 100
- B. router ospf
- C. area 0
- D. ip ospf area 0

Answer: B

Explanation:

To enable Open Shortest Path First (OSPF) globally on a RUCKUS ICX switch, the router ospf command is used. This command initiates OSPF routing processes, allowing the switch to participate in OSPF-based dynamic routing.

Steps to Enable OSPF Globally:

* Access Global Configuration Mode:

* Enter privileged EXEC mode and then global configuration mode:

enable

configure terminal

- * Enable OSPF Routing:
- * Activate the OSPF routing process:
router ospf
- * Assign OSPF Parameters:
- * Set the router ID (optional but recommended):
router-id <A.B.C.D>
- * Specify OSPF areas and associate interfaces:
network <network-address> <wildcard-mask> area <area-id>
- * Configure OSPF on Interfaces:
- * Enter interface configuration mode for each interface participating in OSPF:
interface <interface-type> <interface-number>
ip ospf area <area-id>
- * Save Configuration:
- * Ensure the configuration persists after a reboot:
write memory

Example Configuration:

To configure OSPF with a router ID of 1.1.1.1 and include the network 192.168.1.0/24 in area 0:

```
configure terminal
router ospf
router-id 1.1.1.1
network 192.168.1.0 0.0.0.255 area 0
exit
interface ethernet 1/1/1
ip ospf area 0
exit
write memory
```

Considerations:

- * Licensing: Ensure the switch has the appropriate Layer 3 license to support OSPF.
- * Compatibility: Verify that the FastIron software version supports OSPF.
- * Network Planning: Properly design OSPF areas and hierarchies to optimize routing efficiency.

References:

- * Ruckus FastIron Layer 3 Routing Configuration Guide, 08.0.91
- * Ruckus FastIron Command Reference Guide, 08.0.70

NEW QUESTION # 49

Which switch model provides the most 100Gb ports?

- A. ICX7850-48F
- B. ICX7750-32Q
- C. ICX7850-48FS
- D. **ICX7850-32Q**

Answer: D

NEW QUESTION # 50

Which three objects can be assigned a Layer 3 address? (Choose three.)

- A. GRE tunnels
- B. Stack Interface
- C. Loopback
- D. VxLAN
- E. Virtual Ethernet
- F. Virtual LAN

Answer: A,B,C

NEW QUESTION # 51

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