

RUCKUS Certified Networking Implementer Actual Test Guide Boosts the Function to Simulate the Exam - Itcerttest



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In order to ensure the quality of our RCNI preparation materials, we specially invited experienced team of experts to write them. The content of our RCNI practice engine comes from a careful analysis and summary of previous exam syllabus, so that you can accurately grasp the core test sites. At the same time, our professional experts are keeping a close eye on the changes of the exam questions and answers. So that our RCNI Study Guide can be the latest and most accurate.

RUCKUS RCNI Exam Syllabus Topics:

Topic	Details
Topic 1	• 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	• 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	• 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	• 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.

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RUCKUS Certified Networking Implementer Sample Questions (Q40-Q45):

NEW QUESTION # 40

Which three conditions allow an ARP request or response to pass a Dynamic ARP Inspection (DAI) check?
(Choose three.)

- A. Client authenticated using MAC authentication.
- B. A static ARP entry exists for the IP/MAC pair with the inspection flag set.
- C. Client authenticated using RADIUS on an 802.1X enabled port.
- D. The IP/MAC pair appear in the DHCP binding database.
- E. There is a static reservation for the IP/MAC pair in the DHCP pool.
- F. Request originated on a trusted port.

Answer: B,D,F

Explanation:

Dynamic ARP Inspection (DAI) is a security feature that intercepts and validates Address Resolution Protocol (ARP) packets in a network. It ensures that only legitimate ARP requests and responses are relayed, preventing ARP spoofing and man-in-the-middle attacks.

Conditions Allowing ARP Packets to Pass DAI Checks:

* IP/MAC Pair in the DHCP Binding Database:

* When DHCP snooping is enabled, the switch maintains a binding table of IP-to-MAC address mappings assigned by the DHCP server.

* DAI uses this database to verify that ARP packets have legitimate IP/MAC address pairs.

* If the ARP packet's IP/MAC pair matches an entry in the DHCP binding database, it passes the DAI check.

* Static ARP Entry with Inspection Flag Set:

* Administrators can configure static ARP entries for known devices, marking them as trusted for DAI purposes.

* These entries include the IP/MAC pair and are flagged to bypass DAI checks.

* An ARP packet matching a static entry with the inspection flag set will pass the DAI check.

- * Request Originated on a Trusted Port:
- * Ports can be designated as trusted, typically those connected to other switches or network devices.
- * DAI does not inspect ARP packets arriving on trusted ports, assuming they are from legitimate sources.
- * Therefore, ARP requests or responses from a trusted port pass the DAI check.

References:

* For more information on configuring DAI and related security features, refer to the RUCKUS FastIron Layer 3 Routing Configuration Guide: Dynamic ARP Inspection overview Implementing DAI with these conditions helps protect the network from ARP-based attacks by ensuring that only validated ARP traffic is permitted.

NEW QUESTION # 41

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

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

Answer: D

NEW QUESTION # 42

For multicast clients to stop receiving traffic using a leave request, which protocol must run on the local subnet?

- A. IGMPv1
- B. IGMPv2
- C. PIM Dense
- D. IGMP Snooping

Answer: A

NEW QUESTION # 43

Which discovery protocol is enabled by default on all RUCKUS ICX platforms?

- A. FDP
- B. CDP
- C. JDP
- D. LLDP

Answer: D

NEW QUESTION # 44

Which command must be configured at the interface level to honor Differentiated Services Code Point (DSCP)-based Class of Service (CoS) on a ICX7750?

- A. ip dscp-remark 1
- B. trust dscp
- C. qos-tos map dscp-priority
- D. qos profile

Answer: B

Explanation:

To configure a RUCKUS ICX 7750 switch to honor Differentiated Services Code Point (DSCP)-based Class of Service (CoS) at the interface level, the trust dscp command is used. This command instructs the switch to trust and utilize the DSCP values in incoming packets for Quality of Service (QoS) decisions.

Configuration 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:
enable
configure terminal
- * Select the Interface to Configure:
- * Specify the interface where DSCP trust should be enabled. For example, to configure Ethernet interface 1/1/1:
interface ethernet 1/1/1

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