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Nokia Service Routing Certification (SRC) Program

## Practice Exam Questions for: Nokia IP Networks and Services Fundamentals (exam number: 4A0-100)

The following questions will test your knowledge and prepare you for the Nokia NRS I Certification Exam. Compare your responses with the Answer Key at the end of the document.

### Module 1: Introduction to Networking and Services

1. Which TCP/IP layer is responsible for path determination and end-to-end forwarding of datagrams?
  - a. The Application layer
  - b. The Transport layer
  - c. The Internet layer
  - d. The Link layer
2. What information is part of the encapsulation done at the Link layer?
  - a. Source and destination MAC addresses
  - b. Source and destination IP addresses
  - c. Source and destination port numbers
  - d. Source and destination email addresses
3. Which of the following is NOT a function of the control plane in a router?
  - a. To exchange control messages with other routers
  - b. To collaborate with other routers to find the best way to forward data packets
  - c. To populate the routing table and the tunnel table
  - d. To forward data packets towards their destination

### Module 2: Introduction to the 7750 Service Router

4. Which of the following shows a typical data packet flow when egressing a Nokia 7750 SR?
  - a. SF/CPM → MDA → IOM → SFP
  - b. SF/CPM → SFP → IOM → MDA
  - c. SF/CPM → IOM → HDA → SFP
  - d. MDA → IOM → SF/CPM → SFP

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Alcatel-Lucent 4A0-100 certification exam is a comprehensive test designed to validate the knowledge and expertise of individuals who want to pursue a career in the field of scalable IP networks. Nokia IP Networksand Services Fundamentals certification exam is specifically designed to test the candidate's ability to design, configure, and troubleshoot complex IP network infrastructures. 4A0-100 Exam is aimed at network professionals who are responsible for managing large-scale networks for service providers and large enterprises.

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## Alcatel-Lucent 4A0-100 Exam Questions in Convenient PDF Format

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## Alcatel-Lucent Nokia IP Networks and Services Fundamentals Sample Questions (Q23-Q28):

### NEW QUESTION # 23

Using Q-in-Q Virtual Local Area Network (VLAN) stacking, how does a carrier differentiate one customer's traffic from that of another?

- A. The PE switch adds a second VLAN tag to identify the customer's traffic on the carrier's network.
- B. The PE switch replaces the customer's VLAN tag with a carrier-assigned tag.
- C. The PE switch assigns a customer-specific priority label to the customer's traffic.
- D. The provider edge (PE) switch adds an additional field called a PE tag to the customer's Layer 2 data.

**Answer: A**

### NEW QUESTION # 24

Which of the following describes an IP filter on the Alcatel-Lucent 7750 SR?

- A. Once an IP filter is applied it cannot be modified.
- B. Multiple ingress and egress filter policies can be applied to a network interface.
- C. An IP filter is applied to allow or deny IP packets into a network.
- D. An IP filter is used to examine an IP packet and its contents.

**Answer: C**

Explanation:

Section: Volume A

### NEW QUESTION # 25

Which compact flash on a Control/Switch processor of a Nokia 7750 router stores the runtime image and running configuration?

- A. Both A and B
- B. CF 3
- C. CF 2
- D. CF 1

**Answer: B**

Explanation:

Section: Volume A

### NEW QUESTION # 26

Which of the following best describes an autonomous system?

- A. An autonomous system is a loosely defined term that can refer to any organization that has a connection to the Internet.
- B. An autonomous system is a network or group of networks from many organizations running different IGP routing protocols, but all running BGP.
- C. An autonomous system is a network or group of networks operating under one administrative authority.
- D. An autonomous system is another term for the collection of routers that make up the Internet

**Answer: C**

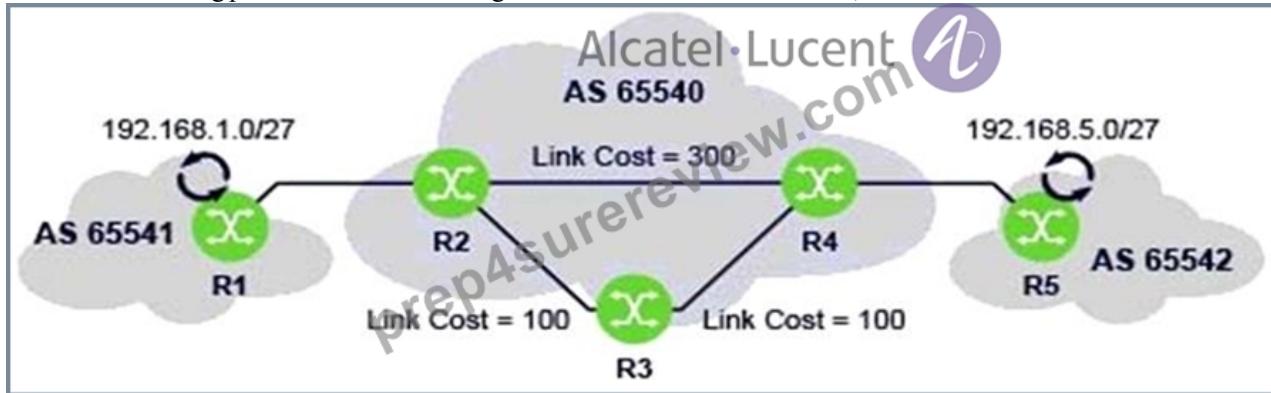
Explanation:

Section: Volume B

### Explanation/Reference:

## NEW QUESTION # 27

Which of the following protocols is used to exchange routes between routers R1 and R2, and between routers R4 and R5?



- A. RIPv2
- B. OSPF
- C. IS-IS
- D. BGP

**Answer: D**

## NEW QUESTION # 28

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