



Vendor: Cisco

Exam Code: 640-875

Exam Name: Building Cisco Service Provider Next-Generation Networks, Part 1 (SPNGN1)

Version: DEMO

QUESTION 1

Drag and Drop Question

Drag the network type on the left to the correct description on the right.

LAN	A Bluetooth network established between a personal computer and a mobile device
MAN	A network comprised of 10 computers and a switch in one building
PAN	A network that connects offices located in 10 different buildings in London
WAN	A network that connects offices in San Jose, New York, and Paris

Answer:

	PAN
	LAN
	MAN
	WAN

QUESTION 2

You have a LAN that has three computers. The computers are connected by a switch. The computers are in the 192.168.1.0/24 network.

Which network device enables you to connect the LAN to the Internet?

- A. a switch
- B. a hub
- C. a router
- D. a DSL modem in bridge mode

Answer: C

QUESTION 3

You plan to implement QoS on a network, using these four classes:

- A class for real-time applications
- A class for interactive applications
- A class for batch applications
- A scavenger class

Which two classes are interactive applications? (Choose two.)

- A. email
- B. SSH
- C. database updates
- D. IP telephony
- E. file transfers

Answer: BC

QUESTION 4

Which command assigns an IP address to the Loopback1 interface on a Cisco IOS Router?

- A. ip address 192.168.41.111 255.255.255.240
- B. set ip 127.0.0.1/32
- C. ip address 127.0.0.1 255.255.255.0
- D. ip address 169.254.47.81 255.255.0.0

Answer: D

QUESTION 5

You are configuring manual route summarization in EIGRP. Which two networks are summarized into 10.134.17.64/27? (Choose two.)

- A. 10.134.17.64 255.255.255.240
- B. 10.134.17.100/30
- C. 10.134.17.0 255.255.255.128
- D. 10.134.17.92/30

Answer: AD

QUESTION 6

Which two IP addresses can be assigned to hosts? (Choose two.)

- A. 192.168.1.255/23
- B. 192.168.1.255/22
- C. 172.16.28.7/29
- D. 224.0.250.1/24
- E. 10.192.225.225/27

Answer: BE

QUESTION 7

Which three statements about Ethernet frames are true? (Choose three.)

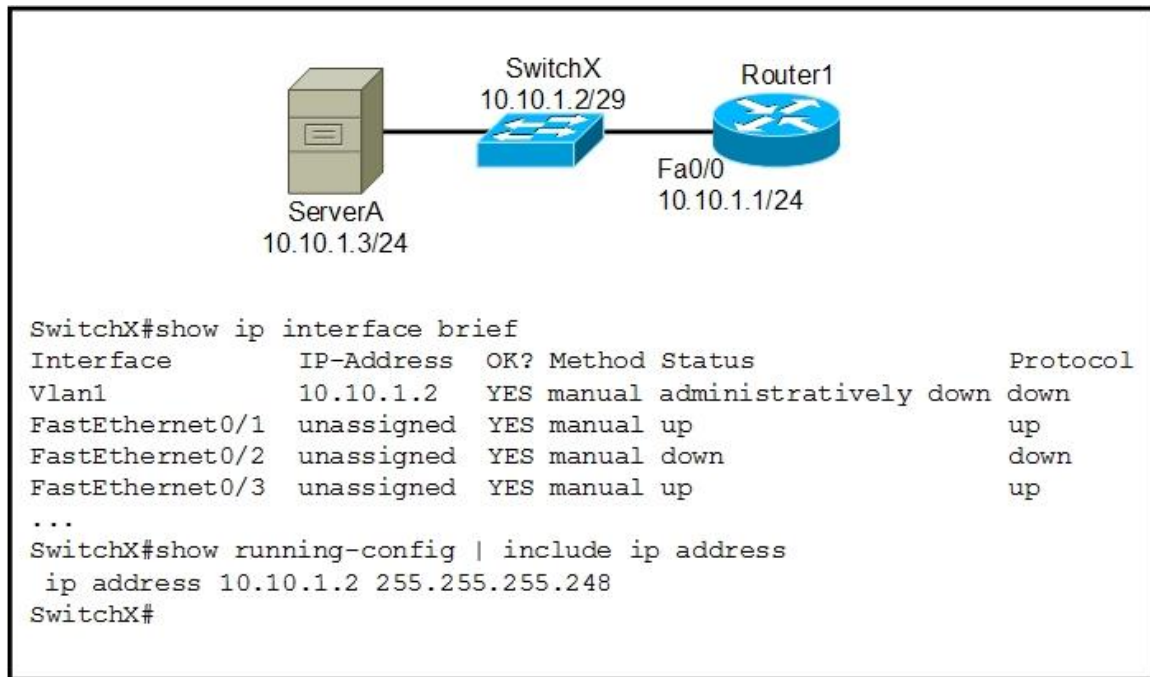
- A. Every frame starts with a preamble.
- B. FCS is used to recover single-bit errors.
- C. The source address is positioned behind the destination address.
- D. If the data field is too short, it must be padded.

- E. The dot1q tag size is six bytes.
- F. The source and destination IP addresses are in the header.

Answer: ACD

QUESTION 8

Refer to the exhibit. ServerA successfully connects to Router1, but it fails to ping SwitchX. Which action enables ServerA to ping SwitchX?



- A. Set the default gateway on ServerA to 10.10.1.1.
- B. Enter the command no shutdown on the Vlan1 interface of SwitchX.
- C. Change the subnet mask on the Vlan1 interface of SwitchX to 255.255.255.0.
- D. Replace the cable in FastEthernet0/2.

Answer: B

QUESTION 9

Given the subnet of 209.165.201.0/27, which subnet range will make the most efficient use of the address block for connecting to customer edge devices?

- A. 209.165.201.1/32
- B. 209.165.201.1/31
- C. 209.165.201.1/30
- D. 209.165.201.1/29
- E. 209.165.201.1/24

Answer: B

QUESTION 10

Given a ring topology, which loop prevention mechanism provides the fastest reconvergence time after a link failure?

- A. Rapid Per-VLAN Spanning Tree Protocol
- B. Resilient Ethernet Protocol
- C. Multiple Spanning Tree Protocol
- D. Spanning Tree Protocol

Answer: B

QUESTION 11

Which three of the following components must be elected before the Spanning Tree Protocol can converge in a switched LAN? (Choose three.)

- A. Designated ports
- B. Alternate ports
- C. Converged ports
- D. Root bridge
- E. Root ports
- F. Backup ports

Answer: ADE

QUESTION 12

What two commands enable port security and allow the switch to dynamically learn the connected MAC address? (Choose two.)

- A. `switch5(config-if)#switchport port-security`
- B. `switch5(config)#switchport port-security`
- C. `switch5(config-if)#switchport port-security mac-address sticky`
- D. `switch5(config)#switchport port-security mac-address sticky`
- E. `switch5(config-if)#switchport port-security mac-address dynamic`
- F. `switch5(config-if)#switchport port-security mac-address auto`

Answer: AC

QUESTION 13

According to RFC 2080, which routing protocol is compatible with IPv6?

- A. RIPv2
- B. OSPF
- C. RIP-NG
- D. EIGRPv6
- E. OSPFv2
- F. EIGRP-NG

Answer: C

Thank You for Trying Our Product

Lead2pass Certification Exam Features:

- ★ More than **99,900** Satisfied Customers Worldwide.
- ★ Average **99.9%** Success Rate.
- ★ **Free Update** to match latest and real exam scenarios.
- ★ **Instant Download** Access! No Setup required.
- ★ Questions & Answers are downloadable in **PDF** format and **VCE** test engine format.
- ★ Multi-Platform capabilities - **Windows, Laptop, Mac, Android, iPhone, iPod, iPad**.
- ★ **100%** Guaranteed Success or **100%** Money Back Guarantee.
- ★ **Fast**, helpful support **24x7**.



View list of all certification exams: <http://www.lead2pass.com/all-products.html>



Microsoft



ORACLE



CITRIX



JUNIPER
NETWORKS



EMC²
where information lives®

10% Discount Coupon Code: ASTR14