

➤ **Vendor:** Cisco

➤ **Exam Code:** 400-007

➤ **Exam Name:** Cisco Certified Design Expert (CCDE v3.0) Written Exam

➤ **New Updated Questions from** [Braindump2go](https://www.braindump2go.com) **(Updated in** [June/2022](https://www.braindump2go.com)**)**

Visit Braindump2go and Download Full Version 400-007 Exam Dumps

QUESTION 77

Drag and Drop Question

Drag and drop the FCAPS network management reference models from the left onto the correct definitions on the right.

Fault Management	ensures that network transit quality remains at acceptable levels
Configuration Management	gathers usage statistics for users and business units
Accounting Management	gathers and stores configuration code from network devices
Performance Management	recognizes, isolates, corrects, and logs events that occur in the network
Security Management	controls access to assets in the network

Answer:

	Performance Management
	Accounting Management
	Configuration Management
	Fault Management
	Security Management

QUESTION 78

Refer to the exhibit. The enterprise customer wants to stream one-way video from their head office to eight branch offices using multicast.

Their current service provider provides a Layer3 VPN solution and manages the CE routers, but they do not currently support multicast.

[400-007 Exam Dumps](#) [400-007 Exam Questions](#) [400-007 PDF Dumps](#) [400-007 VCE Dumps](#)

<https://www.braindump2go.com/400-007.html>

Which solution quickly allows this multicast traffic to go through while allowing for future scalability?



- A. Enable a GRE tunnel between nodes CE1 and CE2
- B. Enable a GRE tunnel between nodes C2 and C4
- C. Enable a GRE tunnel between nodes C1 and C4
- D. Implement hub and spoke MPLS VPN over DMVPN (also known as 2547o DMVPN) between CE1 and CE2
- E. The service provider must provide a Draft Rosen solution to enable a GRE tunnel between nodes PE1 and PE2

Answer: B

QUESTION 79

An enterprise network has two core routers that connect to 200 distribution routers and uses full-mesh IBGP peering between these routers as its routing method. The distribution routers are experiencing high CPU utilization due to the BGP process.

Which design solution is the most cost effective?

- A. Implement route reflectors on the two core routers
- B. Increase the memory on the core routers
- C. Implement e BGP between the core and distribution routers
- D. Increase the memory on the distribution routers
- E. Increase bandwidth between the core routers

Answer: A

QUESTION 80

You want to mitigate failures that are caused by STP loops that occur before UDLD detects the failure or that are caused by a device that is no longer sending BPDUs.

Which mechanism do you use along with UDLD?

- A. Root guard
- B. BPDU guard
- C. Loop guard
- D. BPDU filtering

Answer: C

QUESTION 81

How many fully established neighbour relationships exist on an Ethernet with five routers running OSPF as network type broadcast?

- A. 5
- B. 6
- C. 7
- D. 10

E. 20

Answer: C

QUESTION 82

An existing wireless network was designed to support data traffic only.

You must now install context Aware services for location tracking changes must be applied to the existing wireless network to increase the location accuracy? (Chose two)

- A. Add access points along the perimeter of the coverage area.
- B. Increase the access point density to create an average inter-access point distance of less than 40 feet or 12.2 meters
- C. Use directional antennas to provide more cell overlapping
- D. Install additional access points in monitor mode where the co-channel interference would otherwise be affected
- E. Fine tune the radio configuration of the access point to have a higher average transmission power to achieve better coverage

Answer: BE

QUESTION 83

Which statement about hot-potato routing architecture design is true?

- A. Hot-potato routing is the preferred architecture when connecting to content providers
- B. Hop-potato keeps traffic under the control of the network administrator for longer
- C. OSPF uses hot-potato routing if all ASBRs use the same value for the external metric
- D. Hot-potato routing is prone to misconfiguration as well as poor coordination between two networks

Answer: A

QUESTION 84

Two enterprise networks must be connected together. Both networks are using the same private IP addresses.

The client requests from both sides should be translated using hide NAT (dynamic NAT) with the overload feature to save IF addresses from the NAT pools.

Which design addresses this requirement using only one Cisco IOS NAT router for both directions?

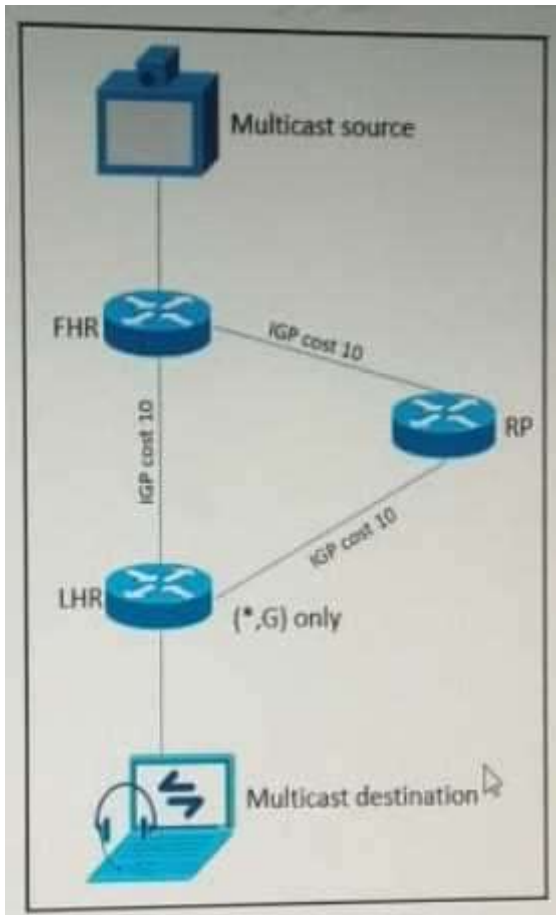
- A. This is not possible, because two Cisco IOS NAT routers are required to do dynamic NAT, with overload in both directions.
- B. The ip nat inside and ip nat outside commands must be configured at the interfaces with the overload option in both directions.
- C. The overload feature is the default and does not have to be configured.
- D. Two different NAT pools must be used for the ip nat inside source and the ip nat outside source commands for the overload feature in both directions.
- E. The Nat Virtual interface must be used to achieve this requirement.

Answer: D

QUESTION 85

Refer to the exhibit. As part of a redesign project, you must predict multicast behavior.

What happens to the multicast traffic received on the shared tree (*,G), if it is received on the LHR interface indicated*?



- A. It is dropped due to an unsuccessful RPF check against the multicast source
- B. It is switched give that no RPF check is performed
- C. It is switched due to a successful RPF check against the routing table
- D. It is dropped due to an unsuccessful RPF check against the multicast receiver.

Answer: C

QUESTION 86

A BGP route reflector in the network is taking longer than expected to coverage during large network changes. Troubleshooting shows that the router cannot handle all the TCP acknowledgements during route updates. Which action can be performed to tune the device performance?

- A. Increase the size of the hold queue.
- B. Increase the size of the large buffers.
- C. Decrease the size of the small buffers.
- D. Increase the keepalive timers for each BGP neighbor.

Answer: A

QUESTION 87

Which two application requirements are mandatory for traffic to receive proper treatment when placed in the priority queue? (Choose two.)

- A. small transactions (HTTP-like behavior)
- B. WRED drop treatment
- C. tolerance to packet loss

- D. intolerance to jitter
- E. TCP-based application

Answer: AD

QUESTION 88

Which two conditions must be met for EIGRP to maintain an alternate loop-free path to a remote network? (Choose two.)

- A. The Reported Distance from a successor is lower than the local Feasible Distance.
- B. The Reported Distance from a successor is higher than the local Feasible Distance.
- C. The feasibility condition does not need to be met.
- D. The Feasible Distance from a successor is lower than the local Reported Distance.
- E. A feasible successor must be present.

Answer: AE

QUESTION 89

You are designing a new Ethernet-based metro-area network for an enterprise customer to connect 50 sites within the same city OSPF will be the routing protocol used. The customer is primarily concerned with IPv4 address conservation and convergence time.

Which two combined actions do you recommend? (Choose two)

- A. Use a multipoint Metro-E service for router connections
- B. Use a single address per router for all P2P links
- C. Use P2P links between routers in a hub-and-spoke design
- D. Configure address aggregation at each site router
- E. Determine which OSPF routers will be DR/BDR

Answer: AC

QUESTION 90

Which two statements about MLD snooping are true? (Choose two)

- A. When MLD snooping is enabled, QoS is automatically enabled.
- B. A VLAN can support multiple active MLD snooping queries, as long as each one is associated to a different multicast group.
- C. AN MLD snooping querier election occurs when any MLD snooping querier goes down or if there is an IP address change on the active querier.
- D. When multiple MLD snooping queriers are enabled in a VLAN, the querier with the lowest IP address in the VLAN is elected as the active MLD snooping querier.

Answer: CD