Vendor: Cisco

Exam Code: 400-101

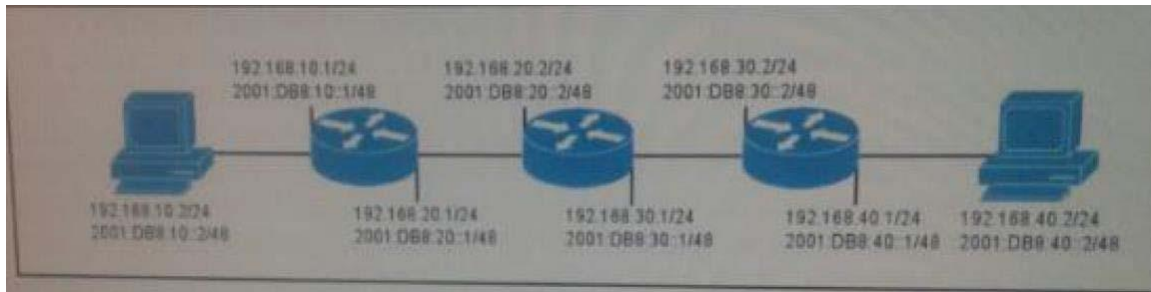**Exam Name:** CCIE Routing and Switching Written Exam, v5.1

Version: DEMO

QUESTION 1
Which three message type are used for prefix delegation in DHCPv6?(Choose three)

A. Solicit
B. Renew
C. Advertise
D. DHCP Discover
E. DHCP Ack
F. DHCP Offer

Answer: ABC

QUESTION 2
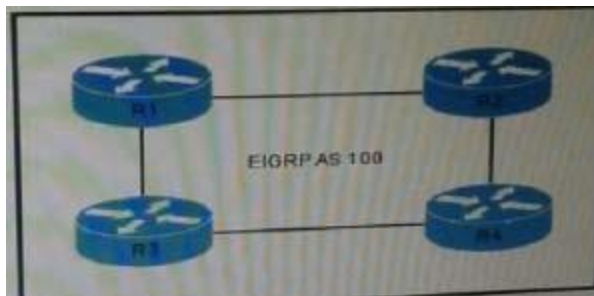Refer to the exhibit. Which IPv6 migration method is in use on this network?

A. 6to4 tunnel
B. NAT-PT
C. ISATAP tunnel
D. dual stack

Answer: D

QUESTION 3
Refer to the exhibit. If this network is in the process of being migrated from EIGRP to OSPF, and all routers are now running both protocols, which action must you perform to complete the migration?
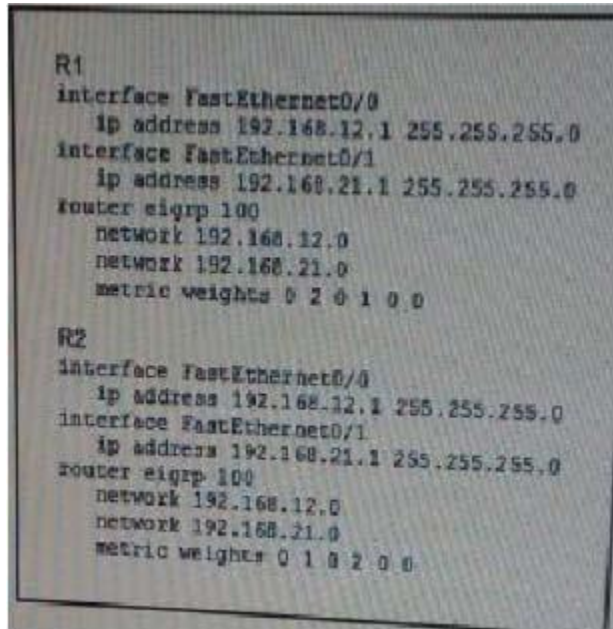

A. Change the EIGRP administrative distance to 95
B. Change the OSPF administrative distance to 95
C. Change the OSPF administrative distance to 115

D. Change the EIGRP administrative distance to 115

Answer: D

QUESTION 4
Refer to the exhibit. What is the effect on the network when you apply these configuration to R1 and R2?

A. Asymmetric routing occurs because the bandwidth and delay K value settings are mismatched.
B. The interface bandwidth and delay settings adjust automatically to match the new metric settings.
C. The neighbor adjacency between R1 and R2 temporarily resets and then reestablishes itself.
D. R1 and R2 fail to form a neighbor adjacency.

Answer: AD

QUESTION 5
Which statement is true about IGMP?

A. Multicast source send IGMP messages to their first-hop router, which then generates a PIM join message that is then sent to the RP.
B. Multicast receivers send IGMP message to signal their interest traffic multicast groups.
C. IGMP message are encapsulated in PIM register message and send to the RP.
D. Multicast receivers send IGMP message to their first-hop router, which then forwards the IGMP message to the RP.

Answer: B

QUESTION 6
What is the main function of VRF-lite?

A. To allow devices to use labels to make Layer 2 Path decisions
B. To segregate multiple routing tables on a single device
C. To connect different autonomous systems together to share routes
D. To route IPv6 traffic across an IPv4 backbone

Answer: B

QUESTION 7
Refer to the exhibit. Which prefixes will have their distance changed?


```
router eigrp 100
 network 10.0.0.0
 distance 80 10.1.12.0 0.0.0.255 10
 !
access-list 10 permit 10.1.0.0 0.0.255.255
```

A. all prefixes matching access-list 10 learned from peers in the range 10.1.12.0- 10.1.12.255
B. all internal prefixes in the range 10.1.12.0-10.1.12.255 learned from peers matching access-list 10.
C. all internal prefixes matching access-list 10 learned from peers in the range 10.1.12.0- 10.1.12.255
D. all prefixes in the range 10.1.12.0-10.1.12.255 learned from peers matching access-list
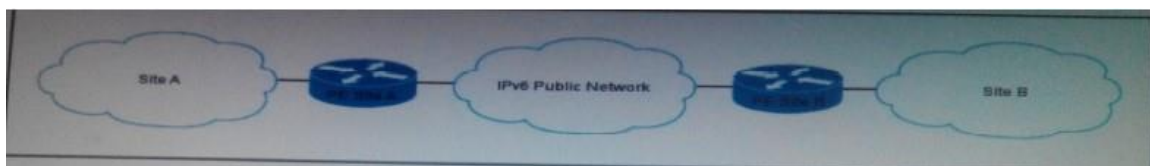
Answer: C

QUESTION 8
Which two statements about Cisco Express Forwarding load balancing are true?

A. Cisco Express Forwarding can load-balance over a maximum of two destinations
B. It combines the source IP address subnet mask to create a hash for each destination
C. Each hash maps directly to a single entry in the RIB
D. Each hash maps directly to a single entry in the adjacency table
E. It combines the source and destination IP addresses to create a hash fdor each destination

Answer: DE

QUESTION 9
Refer to the exhibit. An Ipv6 tunnel is configured between site A and site B. Which feature does the tunnel support?

A. single policy
B. transport mode
C. site-to-site tunnel mode
D. OSPFv2

Answer: C

QUESTION 10
Which three statements about microbursts are true? (Choose three)

A. They can occur when chunks of data are sent in quick succession
B. They occur only with UDP traffic
C. They appear as input errors on an interface counter
D. They appear as ignores and overruns on device buffers
E. They can be monitored by IOS software
F. They appear as misses and failures on device buffers

Answer: ADE

QUESTION 11
Which two platforms provide hypervisor virtualization?(choose two)

A. Xen
B. Docker
C. KVM
D. OpenStack
E. DevStack

Answer: AC

QUESTION 13
Which description of Infrastructure as a Service is true?

A. a cloud service that delivers on-demand resources like networking and storage.
B. a cloud service that delivers on-demand internet connection between sites
C. a cloud service that delivers on-demand software services on a subscription
D. a cloud service that delivers on-demand internet connection

Answer: A

Thank You for Trying Our Product

Braindump2go 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.braindump2go.com/all-products.html

10% Discount Coupon Code: BDNT2014