Question 1

A customer asks you to perform a high level review of their upcoming WAN refresh for remote sites The review is specially focused on their retail store operations consisting of 500+ locations connected via mutlipoint IPsec VPN solution. Which routing protocol would be valid but would also be the most restrictive for the expansion of this deployment model?

Options:

A- EIGRP

B- IS-IS

C- OSPF

D- BGP

Answer:

B

Question 2

What best describes the difference between Automation and Orchestration?

Options:

A- Automation refers to an automatic process for completing a single task and Orchestration refers to assembling and coordinating a set of tasks and conditions.

B- Automation describes a hands-off configuration process while Orchestration refers to sets of automation tasks that require the network administrator to coordinate

C- Automation refers to an automatic process for completing multiple tasks with conditions and Orchestration refers to executing tasks in parallel.

D- Automation refers to scripting languages (Python. Ansible etc.) and Orchestration refers to commercial products that control configuration deployment

Answer:

A

Question 3

An MPLS service provider is offering a standard EoMPLS-based VPLS service to Customer

Options:

A- providing Layer 2 connectivity between a central site and approximately 100 remote sites. Customer A wants to use the VPLS network to carry its internal multicast video feeds which are sourced at the central site and consist of 20 groups at Mbps each. Which service provider recommendation offers the most scalability?

A- EoMPLS-based VPLS can carry multicast traffic in a scalable manner

B- Use a mesh of GRE tunnels to carry the streams between sites

C- Enable snooping mechanisms on the provider PE routers.

D- Replace VPLS with a Layer 3 MVPN solution to carry the streams between sites

Answer:

D

Question 4

Question Type: MultipleChoice

A Service Provider is designing a solution for a managed CE service to a number of local customers using a single CE platform and wants to have logical separation on the CE platform using Virtual Routing and Forwarding (VRF) based on IP address ranges or packet length. Which is the most scalable solution to provide this type of VRF Selection process on the CE edge device?

Options:

A- Static Routes for Route Leaking

B- Policy Based Routing

C- OSPF per VRF Instance

D- Multi-Protocol BGP

Answer:

B

Question 5

Question Type: MultipleChoice

What are two key design principles when using a hierarchical core-distribution-access network model? (Choose two)

Options:

A- A hierarchical network design model aids fault isolation

B- The core layer is designed first, followed by the distribution layer and then the access layer

C- The core layer provides server access in a small campus.

D- A hierarchical network design facilitates changes

E- The core layer controls access to resources for security

Answer:

A, D

Question 6

Question Type: MultipleChoice

Which three Cisco products are used in conjunction with Red Hat to provide an NFVi solution? (Choose three.)

Options:

A- Cisco Prime Service Catalog

B- Cisco Open Virtual Switch

C- Cisco Nexus switches

D- Cisco UCS

E- Cisco Open Container Platform

F- Cisco Virtual Network Function

Answer:

C, D, F

Question 7

Question Type: **MultipleChoice**

A Tier-3 Service Provider is evolving into a Tier-2 Service Provider due to the amount of Enterprise business it is receiving The network engineers are re-evaluating their IP/MPLS design considerations in order to support duplicate/overlapping IP addressing from their Enterprise customers within each Layer3 VPN. Which concept would need to be reviewed to ensure stability in their network?

Options:

A- Assigning unique Route Distinguishers

B- Assigning unique Route Target ID'S

C- Assigning unique IP address space for the Enterprise NAT/Firewalls

D- Assigning unique VRF ID's to each L3VPN

Answer:

A

Question 8

Question Type: MultipleChoice

A company plans to use BFD between its routers to detect a connectivity problem inside the switched network. An IPS is transparently installed between the switches. Which packets shold the IPS forward for BFD to work under all circumstances?

Options:

A- Fragmented packet with the do-not-fragment bit set

B- IP packets with broadcast IP source addresses

C- IP packets with the multicast IP source address

D- IP packet with the multicast IP destination address

E- IP packets with identical source and destination IP addresses

F- IP packets with the destination IP address 0.0.0.0.

Answer:

E

Question 9

Question Type: **MultipleChoice**

You are designing a network running both IPv4 and IPv6 to deploy QoS Which consideration is correct about the QoS for IPv4 and IPv6?

Options:

A- IPv4 and IPv6 traffic types can use use queuing mechanisms such as LLQ, PQ and CQ.

B- IPv6 packet classification is only available with process switching, whereas IPv4 packet classification is available with both process switching and CEF.

C- IPv6 and IB/4 traffic types can use a single QoS policy to match both protocols

D- Different congestion management mechanisms need to be used for IPv4 and IPv6 traffic types

Answer:

C

Question 10

Question Type: MultipleChoice

A network architect must redesign a service provider edge, where multiservice and multitenant PEs are currently present. Which design feature should be minimized in the new design to achieve reliability?

Options:

A- bridging

B- fate sharing

C- redundancy

D- unicast overlay routing

Answer:

B