Free Questions for 400-007

Shared by Dorsey on 12-12-2023

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Question 1

Question Type: MultipleChoice

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:

C

Question 2

Question Type: MultipleChoice

The major business applications of an enterprise are largely monolithic and hard-coded As part of a major modernization and overhaul of the applications the goal is to move to a modular and containerized application architecture mode At the same time decoupling from the hardware is desired to move to an on-demand provisioning However the CyberOps team mandated that the final architecture must provide the same security levels as an air-gapped data center. Which cloud architecture meets these requirements?

Options:

A- laaS
B- private cloud
C- PaaS
D- hybrid cloud
E- public cloud

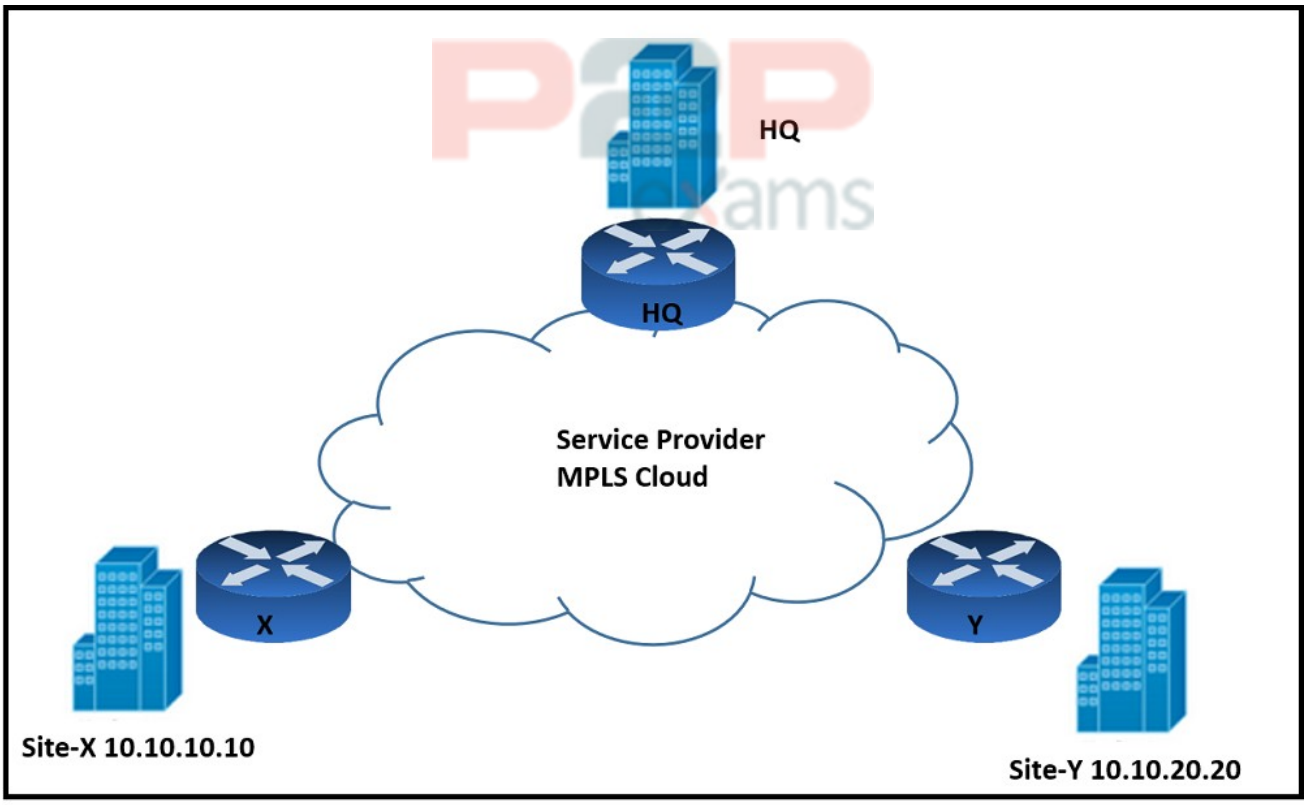
Answer:

B

Question 3

Question Type: MultipleChoice

Refer to the exhibit.



Refer to the exhibit. An architect must design an enterprise WAN that connects the headquarters with 22 branch offices. The number of remote sites is expected to triple in the next three years. The final solution must comply with these requirements:

Only the loopback address of each of the enterprise CE X and Y routers must be advertised to the interconnecting service provider cloud network.

The transport layer must carry the VPNv4 label and VPN payload over the MP-BGP control plane.

The transport layer must not be under service provider control.

Which enterprise WAN transport virtualization technique meets the requirements?

Options:

A- EIGRP Over the Top

B- MPLS over BGP over multipoint GRE
C- DMVPN per VRF
D- point-to-point GRE per VRF

Answer:

B

Question 4

Question Type: MultipleChoice

Two routers R1 and R2 are directly connected through an Ethernet link. Both routers are running OSPF over the Ethernet link and OSPF has been registered with BFD. R1 has been set up to transmit BFD at a 50 ms interval, but R2 can receive only at a 100 ms rate due to platform limitations. What does this mean?

Options:

A- After the initial timer exchange. R2 sets its transmission rate to the R1 Desired Min TX interval
B- After the initial timer exchange. R1 sets its transmission rate to the R2 Required Min RX interval
C- Timers renegotiate indefinitely, so the timer exchange phase never converges
D- R2 sets the P-bit on all BFD control packets until R2 sends a packet with the F-bit set

Answer:

B

Question 5

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 6

Question Type: MultipleChoice

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 7

Question Type: MultipleChoice

Which two design solutions ensure sub 50 msec of the convergence time after a link failure in the network?

(Choose two)

Options:

A- BFD
B- Ti-LFA
C- minimal BGP scan time
D- MPLS-FRR
E- IGP fast hello

Answer:

B, D

Question 8

Question Type: MultipleChoice

The network designer needs to use GLOP IP addresses in order to make them unique within their ASN Which multicast address range should be used?

Options:

A- 232.0.0.0 to 232 255.255.255
B- H233.0.0 0 to 233.255.255 255
C- 239000 to 239255255.255
D- 224000 to 2240.0 255

Answer:

B

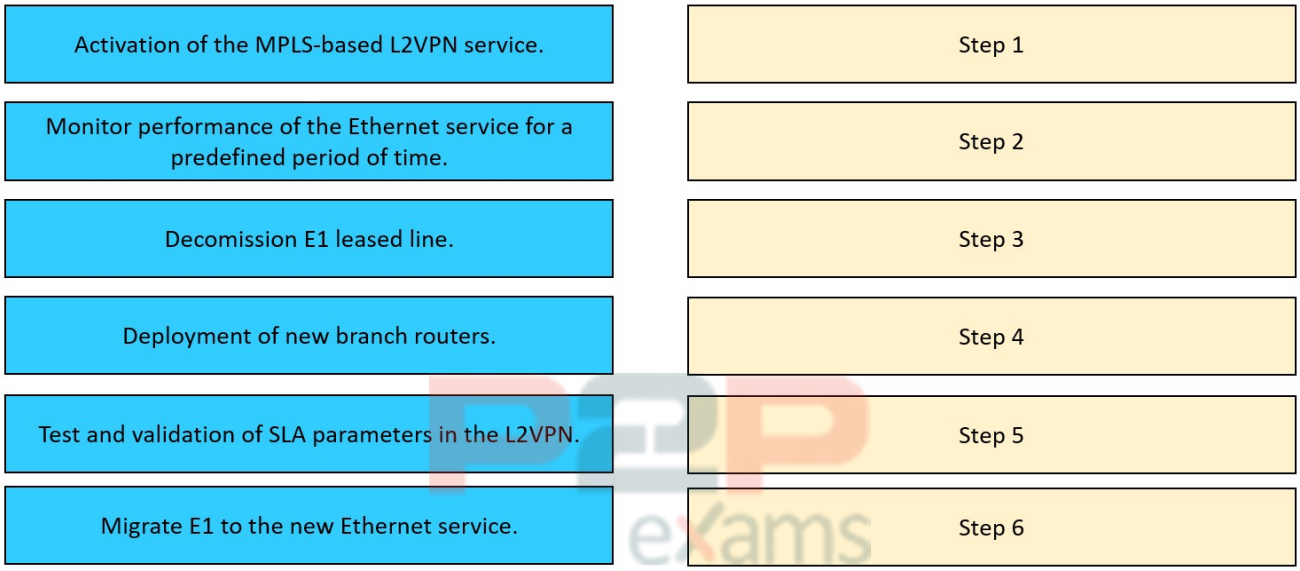
Question 9

Question Type: DragDrop

The network team in XYZ Corp wants to modernize their infrastructure and is evaluating an implementation and migration plan to allow integration MPLS-based, Layer 2 Ethernet services managed by a service provider to connect branches and remote offices. To decrease OpEx and improve

response times when network components fail, XYZ Corp decided to acquire and deploy new routers. The network currently is operated over E1 leased lines (2 Mbps) with a managed CE service provided by the telco.

Drag and drop the implementation steps from the left onto the corresponding targets on the right in the correct order.



Answer:

See the Answer in the Premium Version!

Question 10

Question Type: MultipleChoice

Which option is a fate-sharing characteristic in regards to network design?

Options:

A- A failure of a single element causes the entire service to fail
B- It protects the network against failures in the distribution layer
C- It acts as a stateful forwarding device
D- It provides data sequencing and acknowledgment mechanisms

Answer:

A

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