Free Questions for 300-420 by certsdeals

Shared by Hancock on 18-01-2024

For More Free Questions and Preparation Resources

Check the Links on Last Page

Question 1

Question Type: MultipleChoice

Refer to exhibit.

Refer to the exhibit. Where must an architect plan for route summarization for the topology?

Options:

A) from the core toward the aggregation and the access toward the aggregation

B) from the core toward the aggregation and the aggregation toward the core

C) from the aggregation toward the access and the access toward the aggregation

D) from the aggregation toward the core and the aggregation toward the access

Answer:

D

Question 2

Question Type: MultipleChoice

Refer to exhibit.

Refer to the exhibit. AS65533 and AS65530 are announcing a partial Internet routing table as well as their IP subnets. An architect must create a design that ensures AS64512 become a transit AS. Which filtering solution must the architect choose?

Options:

A) Maximum-prefix

B) No-advertise

C) Next-hop

D) No Export

Answer:

D

Question 3

Question Type: MultipleChoice

A branch office has a primary L3VPN MPLS connection back to the main office and an IPSEC VPN tunnel that serves as backup. Which design ensures that data is sent over the backup connection only if the primary MPLS circuit is down?

Options:

A) Use EIGRP to establish a neighbor relationship with the main office via

B) L3VPN MPLS and the IPSEC VPN tunnel.

C) Use BGP with the multipath feature enabled to force traffic via the primary path when available.

D) Use static routes tied to an IP SLA to prefer the primary path while a floating static route points to the backup connection.

E) Use OSPF with a passive-interface command on the backup connection.

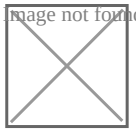
Answer:

D

Question 4

Question Type: MultipleChoice

Refer to exhibit.



Refer to the exhibit. All routers currently reside in OSPF area 0. The network manager recently used R1 and R2 as aggregation routers for remote branch locations and R3 and R4 for aggregation routers for remote office locations. The network has since been suffering from outages, which are causing frequent SPF runs. To enhance stability and introduce areas to the OSPF network with the minimal number of ABRs possible, which two solutions should the network manager recommend? (Choose two.)

Options:

A) a new OSPF area for R1 and R2 connections, with R1 and R2 as ABRs

B) a new OSPF area for R3 and R4 connections, with R5 and R6 as ABRs

C) a new OSPF area for R3 and R4 connections, with R3 and R4 as ABRs

D) a new OSPF area for R1, R2, R3, and R4 connections, with R1, R2, R3, and R4 as ABRs

E) a new OSPF area for R1 and R2 connections, with R5 and R6 as ABRs

Answer:

B, E

Question 5

Question Type: MultipleChoice

Refer to the exhibit. An engineer is designing a BGP solution for a client that peers with ISP1 for full Internet connectivity and with ISP2 for direct exchange of routes for several third parties. Which action, when implemented on the edge routers, enables the client network to reach the Internet through ISP1?

Options:

A) Run an eBGP session within different VRFs for each ISP.

B) Advertise a default route for downstream routers within the client network.

C) Apply the AS-path prepend feature for ISP2.

D) Apply route filtering such that the client advertises only routes originated from its own AS.

Answer:

B

Question 6

Question Type: MultipleChoice

Refer to exhibit.

Refer to the exhibit. An architect must design an IP addressing scheme for a multisite network connected via a WAN transit. The campus site must accommodate 12,000 devices and the branch sites must accommodate 1,000 devices. Which address scheme optimizes network device resources, contains convergence events to the different blocks of the network, and ensures future growth of the network?

Options:

A) Campus: 10.0.0.0/18
* Branch1: 10.0.192.0/21
* Branch2: 10.0.200.0/21

B) * Campus: 10.0.0.0/16
* Branchi: 10.255.0.0/20
* Branch2: 10.255.16.0/20

C) * Campus: 10.0.0.0/10
* Branch1: 10.64.0.0/10

* Branch2: 10.128.0.0/10

D) * Campus: 10.0.0.0/20

* Branch1: 10.0.64.0/21

Branch2: 10.0.128.0/21

Answer:

A