Free Questions for 300-420 by certsinside

Shared by Church on 07-06-2022

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Question 1

Which design consideration must be made when dual vEdge routers are deployed at a branch site?

Options:

A) Use BGP AS-path prepending to influence egress traffic and use MED to influence ingress traffic from the branch.

B) HSRP priorities must match the OMP routing policy to prefer one vEdge over the other.

C) Traffic must be symmetrical as it egresses the vEdges and returns from remote sites for DPI to function properly.

D) Configure BFD between vEdge routers to detect sub-second link failures.

Answer:

A

Question 2

A customer is discussing QoS requirements with a network consultant. The customer has specified that endto-end path verification is a requirement. Which QoS solution meets this requirement?

Options:

A) IntServ model with RSVP to support the traffic flows

B) DiffServ model with PHB to support the traffic flows

C) marking traffic at the access layer with DSCP to support the traffic flows

D) marking traffic at the access layer with CoS to support the traffic flows

Answer:

A

Question 3

Question Type: **MultipleChoice**

An enterprise customer has these requirements:

* end-to-end QoS for the business-critical applications and VoIP services based on CoS marking.

* flexibility to offer services such as IPv6 and multicast without any reliance on the service provider.

* support for full-mesh connectivity at Layer 2.

Which WAN connectivity option meets these requirements?

Options:

A) VPWS

B) MPLS VPN

C) DMVPN

D) VPLS

Answer:

D

Question 4

Question Type: **MultipleChoice**

An architect must address sustained congestion on the access and distribution uplink of network. QoS has already been implemented and optimized, but it is no longer effective in ensuring optimal network performance. Which two solutions should the architect use to improver network performance. (Choose two)

Options:

A) Reconfigure QoS based on the IntServ model

B) Utilize random early detection to manage queues

C) Implement higher-speed uplink interfaces

D) Bundle additional uplinks into logical EtherChannels

E) Configure selective packet discard to drop noncritical network traffic.

Answer:

B, E

Question 5

Question Type: **MultipleChoice**

A customer's current Layer 2 infrastructure is running Spanning Tree 802.1d, and all configuration changes are manually implemented on each switch. An architect must redesign the Layer 2 domain to achieve these goals:

reduce the impact of topology changes

reduce the time spent on network administration

* reduce manual configuration errors

Which two solutions should the architect include in the new design? (Choose two.)

Options:

A) Implement Rapid PVST+ instead of STP.

B) Implement MST instead of STP.

C) Use VTP to propagate VLAN information and to prune unused VLANs.

D) Configure broadcast and multicast storm control on all switches.

E) Configure dynamic trunking protocol to propagate VLAN information.

Answer:

C, D

Question 6

Which design consideration must be made when dual vEdge routers are deployed at a branch site?

Use BGP AS-path prepending to influence egress traffic and use MED to influence ingress traffic from the branch.

Options:

A) HSRP priorities must match the OMP routing policy to prefer one vEdge over the other.

B) Traffic must be symmetrical as it egresses the vEdges and returns from remote sites for DPI to function properly.

C) Configure BFD between vEdge routers to detect sub-second link failures.

Answer:

A

Question 7

What is an advantage of designing an out-of-band network management solution?

In the event of a production network outage, network devices can still be managed.

Options:

A) There is no separation between the production network and the management network.

B) In the event of a production network outage, it can be used as a backup network path.

C) It is less expensive than an in-band management solution

Answer:

A

Question 8

Question Type: **MultipleChoice**

Which design consideration should be observed when EIGRP is configured on Data Center switches?

Perform manual summarization on all Layer 3 interfaces to minimize the size of the routing table.

Options:

A) Prevent unnecessary EIGRP neighborships from forming across switch virtual interfaces.

B) Lower EIGRP hello and hold timers to their minimum settings to ensure rapid route reconvergence.

C) Configure multiple EIGRP autonomous systems to segment Data Center services and applications.

Answer:

A

Question 9

Question Type: MultipleChoice

A customer's current Layer 2 infrastructure is running Spanning Tree 802.1d, and all configuration changes are manually implemented on each switch. An architect must redesign the Layer 2 domain to achieve these goals:

* reduce the impact of topology changes

* reduce the time spent on network administration

* reduce manual configuration errors

Which two solutions should the architect include in the new design? (Choose two.)

Options:

A) Implement Rapid PVST+ instead of STP.

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D) Configure broadcast and multicast storm control on all switches.

E) Configure dynamic trunking protocol to propagate VLAN information.

Answer:

C, D