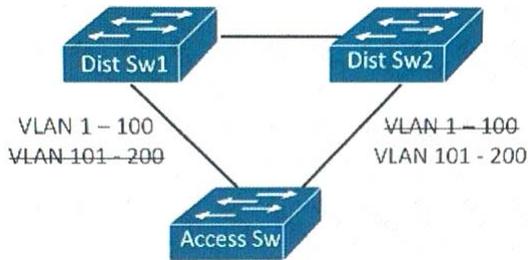# Cisco 352-001 Exam

Volume: 248 Questions

Question: 1
Refer to the exhibit.

This layer 2 network is expected to add 150 VLANS over the next year, In addition to the existing 50 VLANs within the network which STP types will support this design requirement the least amount of CPU resource and achieving load balancing?

A. PVST+

B. CST

C. MST

D. RSTP

Answer: C

Question: 2
As network designer, which option is your main concern with regards to virtualizing multiple network zones into a single hardware device?

A. Fate sharing

B. CPU resource allocation

C. Congestion control

D. Security

E. Bandwidth allocation

Answer: A

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Question: 3
A network design engineer is designing a new storage area network that combines multiple separate legacy SAN environments within a data center. Which technology isolates events within one of the SAN environment from the others?

A. FCIP tunnels

B. N-port ID Virtualization

C. N-Port Virtualization

D. Virtual SANs

Answer: D

Question: 4
At which two networks points is route summarization supported? (Choose two)

A. At EIGRP AS boundaries

B. At EIGRP interface boundaries

C. At OSPF virtual-link boundaries

D. At EIGRP are boundaries

E. At OSPF area boundaries

F. At EIGRP stub interface boundaries

Answer: B,E

Question: 5
Which two statements about VXLAN are true? (Choose two)

A. VXLAN is a Cisco proprietary solution

B. VXLAN is an encapsulation method used to create a Layer 3 overlay network

C. VXLAN can be used to enforce Layer 2 isolation in a multitenant infrastructure
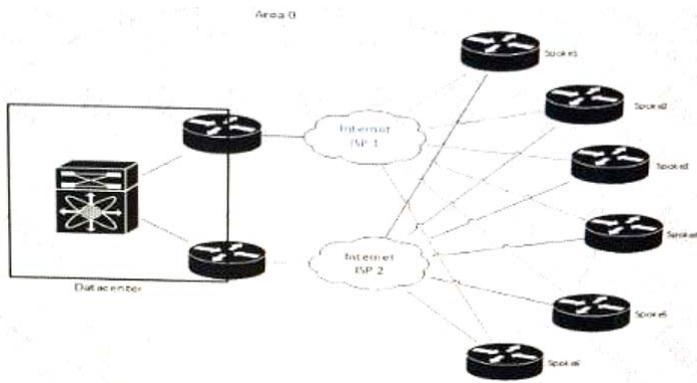
D. VXLAN uses the Spanning Tree protocol for loop prevention

E. VXLAN overcomes the 802.1Q virtual LAN address space limitation

Answer: B,E

Question: 6
Refer to the exhibit.

You must review this single OSPF area, DMVPN network because the company has noticed a few area 0 convergence and stability issues. Also, traffic destined to the data center from one of the spokes as the next hop on the path. The company prefers that all traffic destined to the data center uses the least amount of hops.
Which solution resolves these issues with the minimum amount of changes on the network?

A. Migrate from OSPF to static routes between the hub routers and the spoke routers and deploy IP SLA for route health checks

B. Migrate from OSPF to EIGRP between the hub routers and the spoke routers

C. Modify OSPF cost metrics on all backup links

D. Create areas between each hub and their spoke routers, to ensure that the hub routers become DRs

Answer: C

Question: 7
You have been asked to design a high -density wireless network for a university campus. Which two principles would you apply in order to maximize the wireless network capacity? (Choose two.)

A. Implement a four-channel design on 2.4 GHz to increase the number of available channels.

B. Make use of the 5-GHz band to reduce the spectrum utilization on 2.4 GHz when dual-band clients are used.

C. Choose a high minimum data rate to reduce the dory cycle.

D. Enable 802.11n channel bonding both 2.4 GHz and 5 GHz to increase the aggregated cell throughput.

E. Increase the number of SSIDs to load-balance the client traffic.

Answer: C,E

Question: 8
You are designing an optical network. Your goal is to ensure that your design contains the highest degree of resiliency. In which two ways should you leverage a wavelength-switched optical network solution in your network design? (Choose two.)

A. a wavelength-switched optical network guarantees restoration based strictly on the shortest path available

B. a wavelength-switched optical network provides fault tolerance for single failures only

C. a wavelength-switched optical network takes linear and nonlinear optical impairment calculation into account

D. a wavelength-switched optical network assigns routing and wavelength information

E. a wavelength-switched optical network eliminates the need for dispersion compensating units in a network

Answer: C,D

Question: 9
Which two functions are performed at the distribution layer of the three-layer hierarchical network design model? (Choose two).

A. Fault isolation

B. QoS classification and marking boundary

C. Fast transport

D. Reliability

E. Load balancing

Answer: A,E

Question: 10
In which two ways is a network design improved by including IP Event Dampening? (Choose two)

A. Provides sub-second convergence

B. Quickly detects network failures

C. Prevent routing loops

D. Improves network stability

E. Reduces processing load

Answer: D,E

Question: 11
Why is a redundant PIM stub router topology a bad network design decision?

A. Multicast convergence takes long

B. Multicast traffic duplication will occur

C. It interferes with IGMP snooping

D. It interfaces with PIM snooping

Answer: B

Question: 12
Which two options are potential problems with route aggregation? (Choose two)

A. Maintaining host IP addresses during migrations