DUMPSQUEEN

Cisco Certified Design Expert Practical Exam

Cisco 352-011

Version Demo

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QUESTION NO: 1

What is a design aspect regarding multicast transport for MPLS Layer 3 VPNs using the

Rosen Draft implementation?

A. LDP is the multicast control plane protocol.

B. Multicast traffic is forwarded over GRE tunnels.

C. Multicast traffic is forwarded over LDP or RSVP signaled LSPs.

D. Using the MDT SAFI in BGP ensures that PIM can be disabled in the core.

ANSWER: B

QUESTION NO: 2

A switched network is being designed to support a manufacturing factory. Due to cost constraints, fiber-based connectivity is not an option. Which design allows for a stable network when there is a risk of interference from the manufacturing hardware in use on the factory floor?

A. Design the network to include UDLD to detect unidirectional links and take them out of service.

B. Design the network to include Ether Channel bundles to prevent a single-link failure from taking down a switch interconnection point.

C. Design the network to include loop guard to prevent a loop in the switched network when a link has too much interference.

D. Design the network to include Backbone Fast on all devices to accelerate failure convergence times.

ANSWER: B

QUESTION NO: 3

You are redesigning a high-speed transit network due to congestion-related issues. Which congestion avoidance mechanism can you apply to the existing network?

A. NBAR

B. FIFO

C. WRED

D. Rate-limit

E. Policy-Based Routing

ANSWER: C

QUESTION NO: 4

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

A. Fast transport

B. QoS classification and marking boundary

C. Fault isolation

D. Redundancy and load balancing

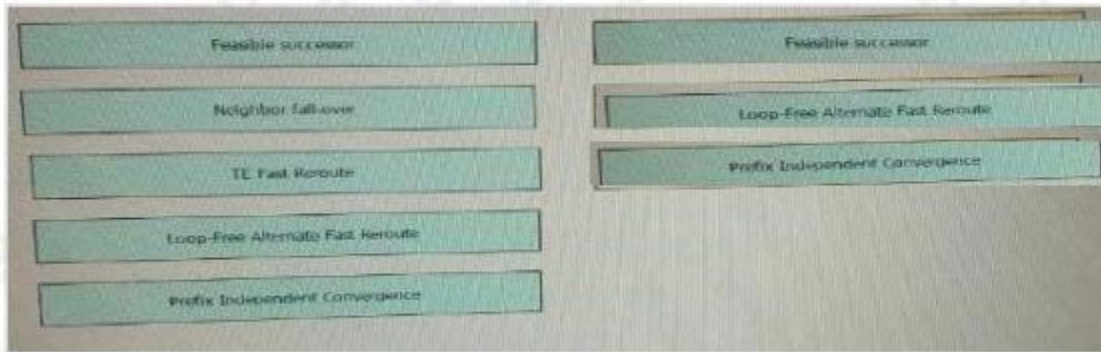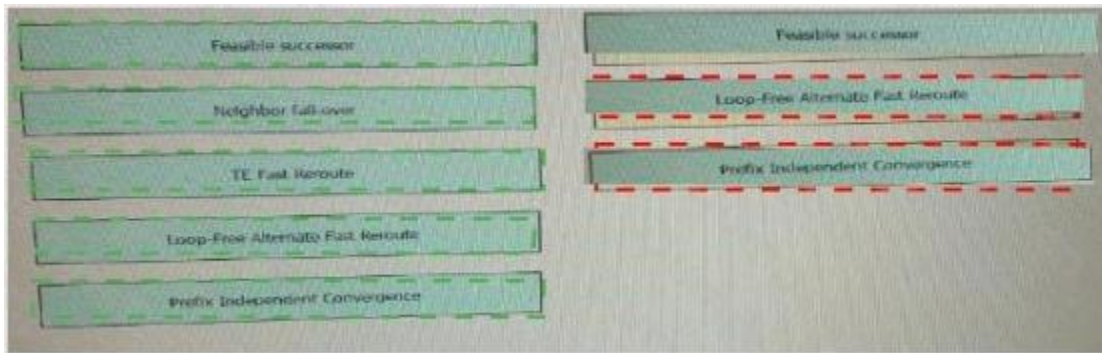**E.** Reliability

ANSWER: C D

QUESTION NO: 5 - (DRAG DROP)

DRAG DROP

Drag the fast Reroute mechanism on the left and drop it onto the corresponding routing protocol on the right

ANSWER:

Explanation:

QUESTION NO: 6

Which solution prevents microloops from be formed during network convergence time?

A. RSVP-TE

B. LFA

C. Prefix suppression

D. RLFA

ANSWER: D

QUESTION NO: 7

What is a design benefit of PortFast?

A. PortFast allows small, unmanaged switches to be plugged into ports of access switches without risking switch loops

B. PortFast disables spanning-tree on the port, which puts the port into the forwarding state immediately after it is connected

C. Portfast does not generate a spanning-tree topology change when a station on a port is connected or disconnected

D. PortFast detects one-way communications on the physical port, when prevents switch loops

E. PortFast prevents switched traffic from traversing suboptimal paths on the network F. PortFast prevents switch loops that are caused by a unidirectional point-to-point link condition on Rapid PVST+ and MST

ANSWER: B

QUESTION NO: 8

Which mechanism provides fast path failure detection?

A. Non-Stop Forwarding

B. Carrier delay

C. Graceful restart

D. UDLD

E. Fast hello packets

F. iSPF

ANSWER: E

QUESTION NO: 9

Which three options are IS-IS design considerations when connecting two Layer 3 switches directly using a 10 GBASE-T cabling and formatting an IS-IS neighbor adjacency?

A. The default IS-IS network type is point-to-point so a DIS is not elected

B. A DIS is elected between the IS-IS neighbors and the elected DIS is pre-empted if router with a higher system ID is connected

C. The area, levels, and interface MTU parameters must match, and system MTU must be unique for two IS-IS routers to become adjacent

D. Faster IS-IS hello and dead timers increase bandwidth and CPU use, and may cause instability

E. The IS-IS hello and dead timers should be tuned to detect failures as quickly as possible

F. A DIS is elected between the IS-IS neighbors and the elected Dis is pre-empted if a router with a lower system ID is connected

G. The hello and dead timers must match for two IS-IS routers to become adjacent

ANSWER: C D F

Which two techniques are used in an OSPF network design to slow down the distribution of topology information caused by a rapidly flapping link? (Choose two)

A. LSA throttling

B. SPF throttling

C. IP event dampening

D. Link-state incremental SPF

E. Link-state partial SPF

ANSWER: A C

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

DRAG DROP

A service provider offers Layer 2 multipoint services to their customers. Drag the protocol on the left to the target on the right to indicate the protocols that can be used to signal pseudowires.

| LDP |
| RSVP |
| BGP |
| L2TPv3 |

| Protocols |
| |
| |

ANSWER:

A service provider offers Layer 2 multipoint services to their customers. Drag the protocol on the left to the target on the right to indicate the protocols that can be used to signal pseudowires.

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Explanation:

A service provider offers Layer 2 multipoint services to their customers. Drag the protocol on the left to the target on the right to indicate the protocols that can be used to signal pseudowires.

| LDP |
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| L2TPv3 |

| Protocols |
| LDP |
| BGP |

QUESTION NO: 13

As a part of a network design, you should tighten security to prevent man-in-the-middle. Which two security options ensure that authorized ARP responses take place according to know IP-to-MAC address mapping? (Choose two)

A. DHCP snooping

B. ARP spoofing

C. ARP rate limiting

D. Dynamic ARP Inspection

E. Port security

ANSWER: A D

QUESTION NO: 14

Which interconnectivity method offers the fastest convergence in the event of a unidirectional issue between three Layer 3 switches connected together with routed links in the same rack in a data center?

A. Fiber Ethernet connectivity with UDLD enabled

B. Copper Ethernet connectivity with BFD enabled

C. Fiber Ethernet connectivity with BFD enabled

D. Copper Ethernet connectivity with UDLD enabled

ANSWER: C

QUESTION NO: 15

Which two SAN designs appropriate to support large-scale SAN environments? (Choose two)

A. Edge-core-edge design

B. Fibre Channel forwarder

C. Split fabric design

D. Core-edge design

E. Dual fabric design

ANSWER: A D