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# Question 1

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## Question Type: MultipleChoice

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You were tasked to enhance the security of a network with these characteristics:

- \* A pool of servers is accessed by numerous data centers and remote sites
- \* The servers are accessed via a cluster of firewalls
- \* The firewalls are configured properly and are not dropping traffic
- \* The firewalls occasionally cause asymmetric routing of traffic within the server data center.

Which technology should you recommend to enhance security by limiting traffic that could originate from a hacker compromising a workstation and redirecting flows at the servers?

### Options:

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- A-** Poison certain subnets by adding static routes to Null0 on the core switches connected to the pool of servers.
- B-** Deploy uRPF strict mode.
- C-** Limit sources of traffic that exit the server-facing interface of the firewall cluster with ACLs.
- D-** Deploy uRPF loose mode

**Answer:**

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C

## Question 2

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**Question Type:** MultipleChoice

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A senior network designer suggests that you should improve network convergence times by reducing BGP timers between your CE router and the PE router of the service provider. Which two factors should you consider to adjust the timer values? (Choose two.)

**Options:**

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- A- service provider agreement to support tuned timers
- B- manual updates to the peer groups
- C- service provider scheduling of changes to the PE
- D- number of routes on the CE router
- E- number of VRFs on the PE router

**Answer:**

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A, D

## Question 3

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**Question Type:** MultipleChoice

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You are designing a network for a branch office. In order to improve convergence time, you are required to use the BFD feature Which four routing protocols can you use to facilitate this? (Choose four.)

### Options:

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- A- IS-IS
- B- static
- C- RIP
- D- EIGRP
- E- BGP

### Answer:

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A, B, D, E

## Question 4

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**Question Type: MultipleChoice**

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Your network operations team is deploying Access Control Lists (ACLs) across your Internet gateways. They wish to place an ACL inbound on the Internet gateway interface facing the core network (the "trusted" interface). Which IP address would the ACL need for traffic sourced from the inside interface, to match the source address of the traffic?

### Options:

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- A- inside global
- B- outside global
- C- inside local
- D- outside local

### Answer:

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C

## Question 5

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**Question Type: MultipleChoice**

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Which two foundational aspects of IoT are still evolving and being worked on by the industry at large? (Choose two)

**Options:**

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- A- WiFi protocols
- B- Regulatory domains
- C- Low energy Bluetooth sensors
- D- IoT consortia
- E- Standards

**Answer:**

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A, C

## Question 6

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**Question Type: MultipleChoice**

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You are tasked to design a QoS policy for a service provider so they can include it in the design of their MPLS core network. If the design must support an MPLS network with six classes, and CEs will be managed by the service provider, which QoS policy should be

recommended?

**Options:**

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- A- map IP CoS bits into the IP Precedence field
- B- map flow-label bits into the Exp field
- C- map IP precedence bits into the DSCP field
- D- map DSCP bits into the Exp field

**Answer:**

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D

## Question 7

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**Question Type: MultipleChoice**

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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:**

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A- 232.0.0.0 to 232.255.255.255

B- 233.0.0.0 to 233.255.255.255

C- 239.0.0.0 to 239.255.255.255

D- 224.0.0.0 to 224.0.255.255

**Answer:**

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B

## Question 8

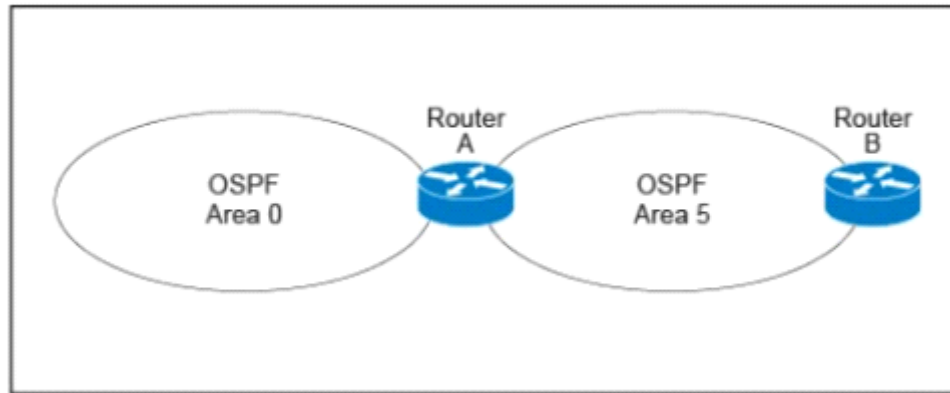
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**Question Type:** MultipleChoice

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Refer to the exhibit.





A customer runs OSPF with Area 5 between its aggregation router and an internal router. When a network change occurs in the backbone, Area 5 starts having connectivity issues due to the SPF algorithm recalculating an abnormal number of times in Area 5. You are tasked to redesign this network to increase resiliency on the customer network with the caveat that Router B does not support the stub area. How can you accomplish this task\*?

### Options:

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- A- Increase the bandwidth on the connection between Router A and Router B
- B- Implement LSA filtering on the AB, allowing summary routes and preventing more specific routes into Area 5
- C- Create a virtual link to Area 0 from Router B to the ABR
- D- Turn on LSA throttling on all devices in Area 5
- E- Set Area 5 to stubby at the ABR anyway

**Answer:**

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B

## Question 9

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**Question Type:** MultipleChoice

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You are designing a large-scale DMVPN network with more than 500 spokes using EIGRP as the IGP protocol. Which design option eliminates potential tunnel down events on the spoke routers due to the holding time expiration?

**Options:**

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- A- Increase the hold queue on the physical interface of the hub router.
- B- Increase the hold queue on the tunnel interface of the spoke routers.
- C- Increase the hold queue on the tunnel interface of the hub router.
- D- Apply QoS for pak\_priority class.
- E- Increase the hold queue on the physical interface of the spoke routers.

**Answer:**

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C

## Question 10

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**Question Type:** MultipleChoice

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You have been tasked with designing a data center interconnect as part of business continuity. You want to use FCoE over this DCI to support synchronous replication. Which two technologies allow for FCoE via lossless Ethernet or data center bridging? (Choose two.)

### Options:

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- A- DWDM
- B- EoMPLS
- C- SONET/SDH
- D- Multichassis EtherChannel over Pseudowire
- E- VPLS

### Answer:

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A, C

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