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## Question 1

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**Question Type:** MultipleChoice

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Which field in an IP header is used for QoS marking?

**Options:**

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A- ToS

B- SA

C- CoS

D- DA

**Answer:**

---

A

## Question 2

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**Question Type:** MultipleChoice

---

Which router types are contained in a single-area OSPF implementation?

**Options:**

---

- A- Stub router and ABR
- B- ABR and ASBR
- C- Internal router and ASBR
- D- Backbone router and Internal router

**Answer:**

---

D

## Question 3

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**Question Type:** MultipleChoice

---

From which range can a network administrator choose when setting the RSTP priority value?

**Options:**

---

A- 1-6400

B- 0-61440

C- 0-614400

D- 1-64

**Answer:**

---

B

**Explanation:**

---

<https://www.dell.com/support/article/en-my/how10394/how-to-manage-rapid-spanning-tree-rstp-thru-command-line-on-dell-networking-powerconnect-switches?lang=en>

## Question 4

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**Question Type:** MultipleChoice

---

Which commands are required to properly configure an OS10 switch to run OSPF on eth1/1/3 and to add network 144.254.1.0/30 to OSPF area 0?

### Options:

---

**A-** OS10(config)# interface ethernet 1/1/3 OS10(config-if-eth1/1/3)# no shutdown OS10(config-if-eth1/1/3)# no switchport  
OS10(config-if-eth1/1/3)# ip address 144.254.1.2/30 OS10(config-if-eth1/1/3)# ip ospf 1 area 0.0.0.0  
OS10(config)# router ospf1

**B-** OS10(config)# router ospf 1  
OS10(config-router-ospf-1)# router-id 1.1.1.1 OS10(config)# interface ethernet 1/1/3 OS10(config-if-eth1/1/3)# no shutdown OS10(config-if-eth1/1/3)# no switchport OS10(config-if-eth1/1/3)# ip ospf 1 area 0.0.0.0

**C-** OS10(config)# interface ethernet 1/1/3 OS10(config-if-eth1/1/3)# no shutdown  
OS10(config-if-eth1/1/3)# ip address 144.254.1.2/30 OS10(config-if-eth1/1/3)# no switchport  
OS10(config-if-eth1/1/3)# ip ospf 1 area 0.0.0.0 OS10(config)# router ospf 1

**D-** OS10(config)# interface ethernet 1/1/3 OS10(config-if-eth1/1/3)# no shutdown  
OS10(config-if-eth1/1/3)# ip address 144.254.1.2/30 OS10(config-if-eth1/1/3)# no switchport  
OS10(config-if-eth1/1/3)# ip ospf 1 area 0.0.0.0 OS10(config-if-eth1/1/3)# router ospf 1

### Answer:

---

C

## Question 5

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**Question Type:** MultipleChoice

---

How are ACLs processed?

**Options:**

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**A-** LIFO

**B-** FIFO

**C-** Randomly

**D-** Sequentially

**Answer:**

---

D

## Question 6

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**Question Type:** MultipleChoice

---

On what does PBR base routing decisions?

**Options:**

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- A- Dijkstra Algorithm
- B- Batch traffic
- C- Administrator-defined forwarding
- D- Shortest path

**Answer:**

---

C

## Question 7

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**Question Type: MultipleChoice**

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What is a feature of virtual routing and forwarding (VRF)?

**Options:**

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- A- Provides trunks that can be grouped to provide optimum speed.
- B- Allows multiple user groups to co-exist within the same router at the same time.
- C- Allows different physical switches to operate as one.
- D- Allows multiple instances of routing tables to co-exist within the same router at the same time.

**Answer:**

---

D

## Question 8

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**Question Type:** MultipleChoice

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What is a valid OS10 iBGP configuration?

**Options:**

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A- S2(config)# router bgp 64507

S2(config-router-bgp-64507)# peer-as 64507

S2(config-router-bgp-64507)# neighbor 192.168.32.1 S2(config-router-neighbor)# update-source loopback 0 S2(config-router-neighbor)#  
no shutdown



**B-** S2(config)# router bgp 64507

S2(config-router-bgp-64507)# neighbor 192.168.32.1

S2(config-router-bgp-64507)# remote-as 64507 S2(config-router-bgp-64507)# update-source loopback 0 S2(config-router-bgp-64507)# no shutdown

**C-** S2(config)# router bgp 64507

S2(config-router-bgp-64507)# neighbor 192.168.32.1

S2(config-router-neighbor)# remote-as 64507 S2(config-router-neighbor)# update-source loopback 0 S2(config-router-neighbor)# no shutdown

**D-** S2(config)# router bgp 64507

S2(config-router-bgp-64507)# remote-as 64507

S2(config-router-bgp-64507)# neighbor 192.168.32.1 S2(config-router-neighbor)# update-source loopback 0 S2(config-router-neighbor)# no shutdown

## Answer:

---

C

## Explanation:

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[https://www.dell.com/support/manuals/us/en/04/networking-z9100/os10-enterprise-user-guide-10\\_4\\_1-pub/enable-bgp?guid=guid-5c64be15-4ebd-4372-a442-67f47b0f14e5&lang=en-us](https://www.dell.com/support/manuals/us/en/04/networking-z9100/os10-enterprise-user-guide-10_4_1-pub/enable-bgp?guid=guid-5c64be15-4ebd-4372-a442-67f47b0f14e5&lang=en-us)

## Question 9

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### Question Type: MultipleChoice

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You have been asked to examine a BGP configuration for a co-worker who is having difficulty establishing BGP peering. The address shown is that of the neighbor's Lo0 interface. Given the configuration shown, what would be your recommendation?

```
S3(config-router-bgp-65042)# neighbor 192.168.32.1
```

```
S3(config-router-neighbor)# remote-as 65042
```

### Options:

---

**A-** Modify the existing configuration to be:

```
S3(config-router-bgp-65042)# neighbor 192.168.32.1/24 S3(config-router-neighbor)# peer-as 65042
```

**B-** Add the following to the existing configuration: S3(config-router-neighbor)# update-source loopback 0 S3(config-router-neighbor)# no shutdown

**C-** Issue the no shutdown command and verify that the BGP state is ESTABLISHED

**D-** Issue the no shutdown command and verify that the BGP state is ACTIVE

### Answer:

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C

## Explanation:

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<https://www.dell.com/support/manuals/us/en/04/networking-z9100/os10-enterprise-user-guide-10.4.0e-r3-pub/enable-bgp?guid=guid-5c64be15-4ebd-4372-a442-67f47b0f14e5&lang=en-us>

## Question 10

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### Question Type: MultipleChoice

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What is the maximum number of LLDP neighbors supported per system with OS10?

### Options:

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- A- 250
- B- 256
- C- 384
- D- 512

**Answer:**

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A

## Question 11

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**Question Type:** MultipleChoice

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What version of IGMP is required by PIM-SSM receivers?

**Options:**

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A- IGMP 1

B- IGMP 3

C- IGMP 2

D- IGMP snooping

**Answer:**

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B

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