



**Free Questions for H12-261 by actualtestdumps**

**Shared by Morales on 29-01-2024**

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## Question 1

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**Question Type: MultipleChoice**

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Which of the following statements regarding VXLAN packets are true?

### Options:

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- A-** A VNI has 24 bits and is used to identify a VXLAN segment.
- B-** The destination UDP port number is 4789.
- C-** The outer destination IP address is the IP address of the remote VTEP in a VXLAN tunnel.
- D-** The source UDP port number is 4789.

### Answer:

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A, B

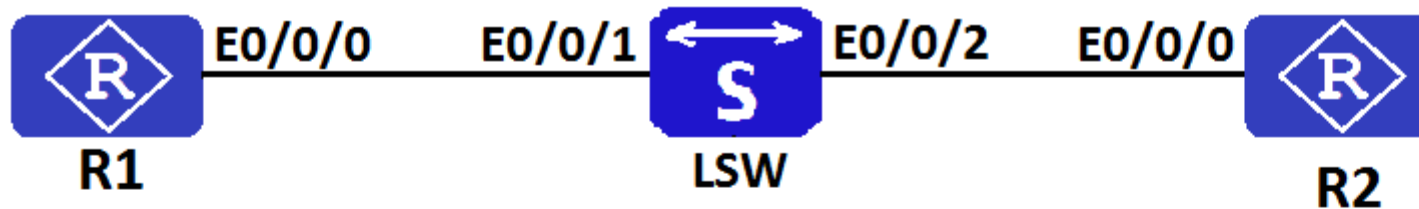
## Question 2

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**Question Type: MultipleChoice**

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As shown in the following figure, R1 and R2 establish an EBGP peer relationship and the BFD function is enabled. Given this information, which of the following statements is true?



```
R1:
bfd
interface Ethernet0/0/0
 ip address 10.0.12.1 255.255.255.0
#
bgp 100
 peer 10.0.12.2 as-number 200
 peer 10.0.12.2 bfd min-tx-interval 300 min-rx-interval 200 detect-multiplier 4
 peer 10.0.12.2 bfd enable
```

```
R2:
bfd
interface Ethernet0/0/0
 ip address 10.0.12.2 255.255.255.0
#
bgp 200
 peer 10.0.12.1 as-number 100
 peer 10.0.12.1 bfd min-tx-interval 220 min-rx-interval 320
 peer 10.0.12.1 bfd enable
```

### Options:

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- A- The time taken to detect BFD packets on R1 is 660 ms.
- B- The time taken to detect BFD packets on R2 is 800 ms.
- C- The time taken to detect BFD packets on R2 is 600 ms.
- D- The time taken to detect BFD packets on R1 is 1280 ms.

### Answer:

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C

## Question 3

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**Question Type:** MultipleChoice

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Router A has an IP route with the destination network segment of 10.0.0.1/32 and outbound interface of GigabitEthernet0/0/1. The following configuration is added:

```
acl number 2000
 rule 10 permit source 10.0.1.1.0
#
traffic classifier test
 if-match acl 2000
#
traffic behavior test
 remark dscp cs3
#
traffic policy test
 classifier test behavior test
#
interface GigabitEthernet0/0/1
 ip address 10.0.12.1 255.255.255.0
 traffic-policy test outbound
#
```

Assume that router A receives a data packet with the destination IP address of 10.0.0.1.

Which of the following statements are true?

### Options:

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- A-** If the source IP address of the data packet is 10.0.1.2, the data packet cannot be forwarded.
- B-** If the source IP address of the data packet is 10.0.1.2, the data packet can be forwarded and the DSCP value is set to CS3.

**C-** If the source IP address of the data packet is 10.0.1.1, the data packet can be forwarded and the DSCP value is set to CS3

**D-** If the source IP address of the data packet is 10.0.1.2, the data packet can be forwarded and the DSCP value remains unchanged.

**Answer:**

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C

## Question 4

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**Question Type: MultipleChoice**

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Network administrators can use CAR technology in traffic policing.

Which of the following technologies can be applied in CAR?

**Options:**

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**A-** Dual buckets at dual rates

**B-** Single bucket at a single rate

**C-** Three buckets at a single rate

**D-** Dual buckets at a single rate

**Answer:**

---

D

## Question 5

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**Question Type:** MultipleChoice

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If multiple candidate RPs are configured in a multicast domain, which of the following parameters need to be compared when electing the RP of the group from multiple candidate RPs?

**Options:**

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**A-** IP address of the C-RP interface

**B-** Mask length of the group range that is supported by the C-RP and needs to be matched with the group address joined by receivers

**C-** C-RP interface ID

**D-** C-RP priority

**Answer:**

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A

## Question 6

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**Question Type:** MultipleChoice

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Which of the following statements correctly describe the LDP LSP establishment process?

**Options:**

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- A-** When the next hop of an LSR changes due to a change in network topology and liberal mode is used, the LSR can use the previous label sent to a non-optimal next hop to quickly reestablish an LSP. Liberal mode requires more memory and label space than conservative mode.
- B-** By default, for the same FEC, the label mapping that an LSR receives can only originate at the optimal next hop.
- C-** In DoD label advertisement mode, an LSR can distribute labels to a specified FEC without having to receive Label Request messages from its upstream device.
- D-** An LSP is established by binding an FEC to a label and advertising the binding relationship to the upstream LSR.

**Answer:**

---

D



## Question 7

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**Question Type: MultipleChoice**

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The output of the display in vpn-instance verbose command for displaying detailed information about all VPN instances on a network device is as follows.

Which of the following statements are false?

<Huawei> display ip vpn-instance verbose

Total VPN-Instances configured : 3

Total Opv4 VPN-Instances configured : 1

Total IPv6 VPN-Instances configured : 2

VPN-Instance Name and ID : vpna, 6

Description : vpna-1

Service ID : 12

Interfaces : GigabitEthernet1/0/0

Address family ipv4

Create date : 2018/6/3 15:36:20

Up time : 6 days, 04 hours, 41 minutes and 57 seconds

Route Distinguisher : 100:1

Export VPN Targets : 1:1 2:1

Import VPN Targets : 1:1

Label Policy : label per instance

Per-Instance Label : 1024

IP FRR Route Policy : 20

VPN FRR Route Policy : 12

## Options:

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**A-** The device assigns a label to each route of the VPN instance vpna.

**B-** GigabitEthernet1/0/0 is bound to the VPN instance vpna.

- C-** The total number of locally configured VPN instances for which IPv6 address families are enabled is 1.
- D-** The VPN instance vpna does not receive VPN routes with RT being 2:1.

**Answer:**

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C

## Question 8

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**Question Type: MultipleChoice**

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Which of the following statements regarding MPLS is false?

**Options:**

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- A-** MPLS supports multi-layer nesting. The value of the S bit of the innermost label is 1.
- B-** The label space range of dynamic signaling protocols such as LDP and MP-BGP from 16 to 1023.
- C-** When an IP packet is transmitted on an MPLS network that uses TTL processing in pipe mode, the TTL value of the IP packet decrements by 1 only at the ingress and egress nodes of the MPLS network.
- D-** The MPLS label is 20 bits long and is used for packet forwarding.

**Answer:**

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C

## Question 9

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**Question Type:** MultipleChoice

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Synchronization between LDP and IGP suppresses reachable IGP route advertisement to implement network convergence and ensure LDP and IGP are along the same path. This minimizes traffic loss and improves network reliability.

**Options:**

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**A-** TRUE

**B-** FALSE

**Answer:**

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A

## Question 10

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**Question Type: MultipleChoice**

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Which of the following technologies use tunnels to allow for communication between devices with IPv6 addresses?

**Options:**

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- A- ISATAP
- B- 6to4
- C- NAT64
- D- Dual Stack

**Answer:**

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B

## Question 11

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**Question Type: MultipleChoice**

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Which of the following address prefixes indicates that the address is a globally unique and globally routable IPv6 unicast address, similar to a public IPv4 address?

**Options:**

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**A-** ::1/128

**B-** FE80::/10

**C-** FC00::/7

**D-** 2000::/3

**Answer:**

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D

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