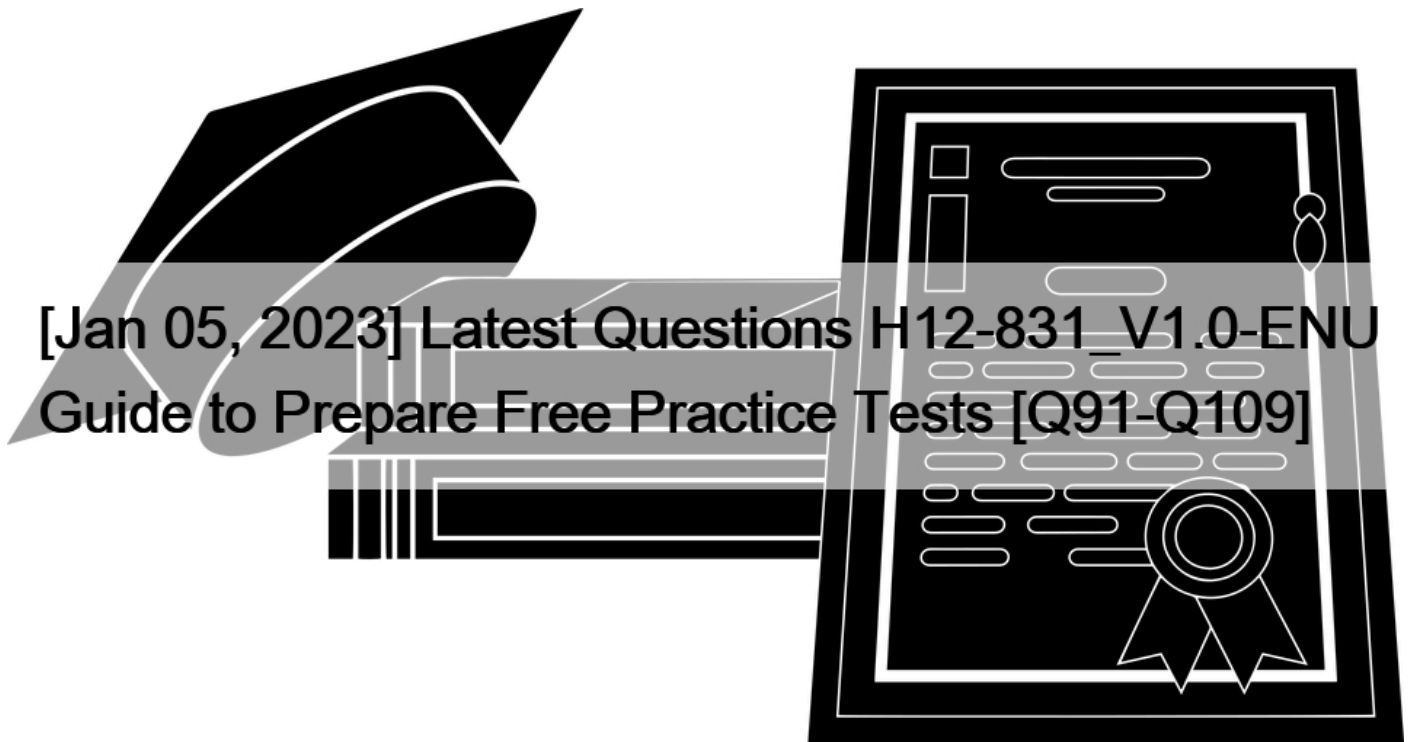


[Jan 05, 2023 Latest Questions H12-831_V1.0-ENU Guide to Prepare Free Practice Tests [Q91-Q109]



[Jan 05, 2023 Latest Questions H12-831_V1.0-ENU Guide to Prepare Free Practice Tests Reliable H12-831_V1.0-ENU Dumps Questions Available as Web-Based Practice Test Engine Q91. Which of the following statements about LDP Label Retention – Free Way is true:

- * Requires more memory and tab space
- * Keep all labels distributed by neighbors
- * Only keep labels from next-hop neighbors and discard all labels from next-hop neighbors
- * Save memory and label space

Q92. Which of the following statements about the OSPFV3 packet format is correct?

- * HelloPackets no longer carry address informationInterface ID
- * OSPFversion number from2became3
- * removedAuthentication,AuthTypefield
- * HelletelegramoptionNo changes to the field

Q93. BGP4+ carries the next hop address of the IPv6 route through the Next Hop attribute in the Update message.

- * TRUE
- * FALSE

Q94. In BGPIMPLS IP VPN, if the OSPF protocol is used to exchange routing information between PE and CE, the domain identifier (Domain ID) is used to distinguish whether the routes imported in the VPI instance are from the same OSPF domain.

- * TRUE
- * FALSE

Q95. What is the most effective way to view device alarms through CLI?

- * display interface brief
- * display clock
- * display alarm
- * display current-configuration

Q96. In PLSVPN, in order to distinguish IPv4 prefixes that use the same address space, the value of R0 is added to the IPv4 address. The correct description of the following options is:

- * On a PE device, each VP instance corresponds to a value of 0. On the same PE device, the RD value must be unique. ____, ____, ____.
- * RD can be used to control the publication of 1 routing information
- * RD is encapsulated in Update message as BGP extended community attribute during delivery
- * After the PE receives the IPv4 route from the CE, it adds RD to the IPv4 route to convert it into a globally unique VPN-IPv4 route, and publishes it on the public network

Q97. Which of the following statements about the MP_REACH_NLRI attribute of BGP4+ is correct? (Multiple choice)

- * The length of the next hop address can be 16 or 3
- * The value of AFI (address family) is 2, which represents IPv6
- * The NLRI field carries IPv6 routing prefix and mask information
- * When the length of the next hop address is 16, the Network Address of Next Hop carries the link local address

Q98. A router LSA is shown in the figure. Which of the following statement is wrong?

- * The Router ID of this router is 10.0.12.1
- * This router is DR
- * The router has established adjacency
- * This router supports the import of external routes

Q99. The output information of a router is as follows. Which of the following reasons cause the OSPF adjacency relationship to fail to be established normally? (Multiple choice)

```
<Huawei>display ospf error interface GigabitEthernet 0/0/0
OSPF Process 1 with Router ID 10.0.12.2
OSPF error statistics
Interface: GigabitEthernet0/0/0 (10.0.12.2)
General packet errors:
0   : Bad version
1   : Bad area id
0   : Bad authentication key
0   : Bad net segment
0   : Router id confusion
0   : Bad checksum
0   : Bad authentication type
0   : Unknown neighbor
0   : Extern option mismatch

HELLO packet errors:
0   : Netmask mismatch
0   : Dead timer mismatch
1   : Hello timer mismatch
0   : Invalid Source Address
```

- * Inconsistent area codes
- * Inconsistent area types
- * The IP address mask of the interface is inconsistent
- * The interval for sending Hello packets is inconsistent

Q100. According to this picture, we can judge that R4 is on?

```
<R4>display ip routing-table protocol isis
```

Destination/Mask	Proto	Pre	Cost	Flags	Next Hop	Interface
0.0.0.0/0	ISIS-L1	15	10	D	10.1.24.1	GigabitEthernet0/0/1
0.0.0.0/0	ISIS-L1	15	10	D	10.1.34.1	GigabitEthernet0/0/0
172.16.1.2/32	ISIS-L1	15	10	D	10.1.24.1	GigabitEthernet0/0/1
172.16.1.3/32	ISIS-L1	15	10	D	10.1.34.1	GigabitEthernet0/0/0

```
<R4>
```

- * 1 default route
- * 2 equal-cost default routes
- * 2 default routes with different costs
- * 4 equivalent default routes

Q101. QinQ technology is a technology that expands the VLAN space. It achieves the function of expanding the VLAN space by adding a layer of 802.1Q Tag on the basis of the 802.1Q tag message.

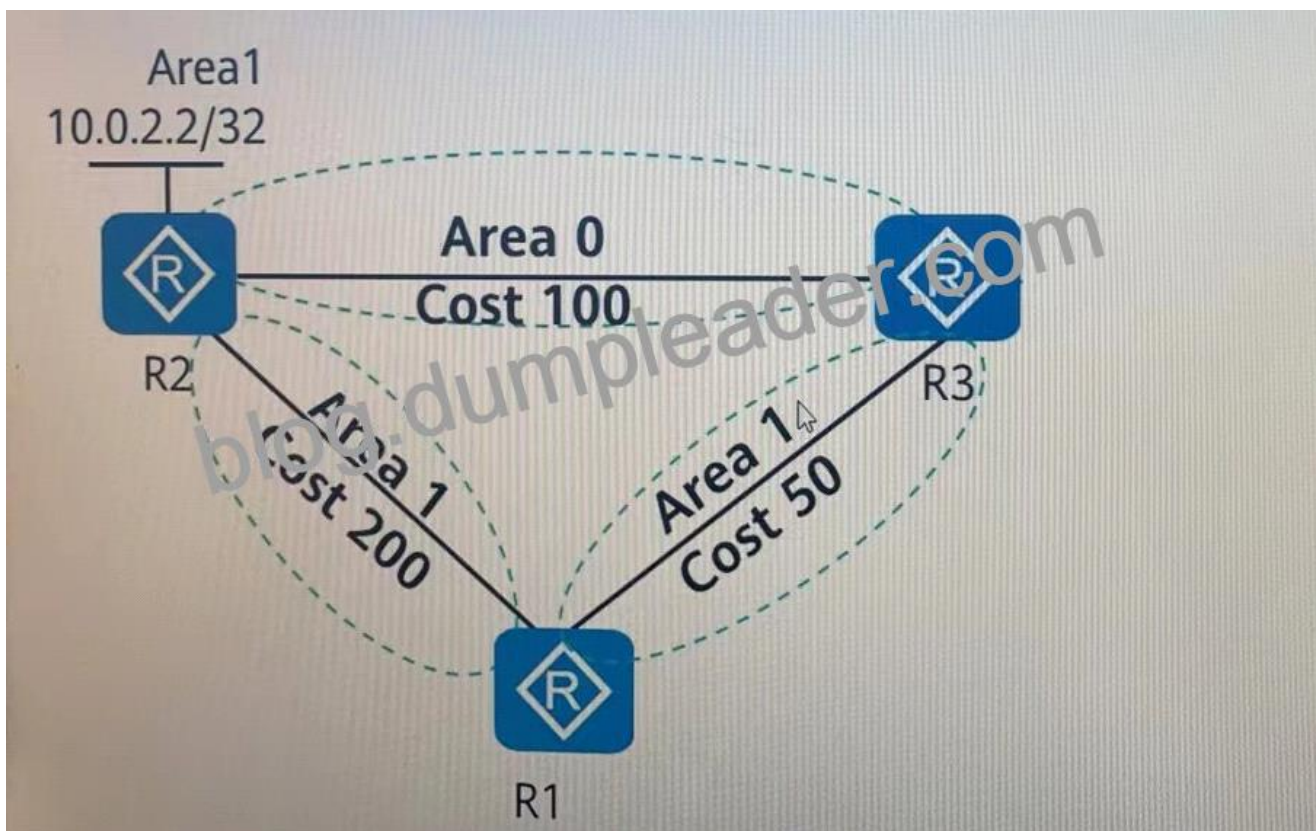
Which of the following statements about qinq is wrong?

- * Flexible QinQ can add different outer tags according to different inner tags, which is more precise in the division of user VLANs.
- * QinQ increases the number of VLANs to 4095*4095
- * QinQ technology can make the private network LAN transparently transmitted on the public network
- * Basic QinQ is implemented based on the interface method

Q102. Which of the following is not a hardware preparation item for cutover?

- * Test the operation of the board
- * Power-on test
- * Device version check
- * Cable connectivity test

Q103. As shown in the figure, SF is enabled on all interfaces of the router, the cost value of the link is marked in the figure, and the Loopback0 interface of R2 is advertised in area 1, then the cost value of R1 reaching 10.0.2.2/32 is?



- * 100
- * 150
- * 50
- * 200

Q104. A certain park deployed both IPv4 and IPv6 networks for service testing, and IS-IS was run to achieve network interconnection. IS-IS routing protocol has good scalability and is widely used in existing networks.

Regarding IS-IS scalability, which of the following statements are correct? (Multiple choice)

- * IS-IS uses TLV structure to construct messages, which makes IS-IS more flexible and expandable
- * For IS-IS, adding new features only needs to add a new TLV
- * IS-IS needs to add TLV to carry Pv6 address information in order to support PV6
- * NLPID is a new TLV of IS-IS to support IPv6

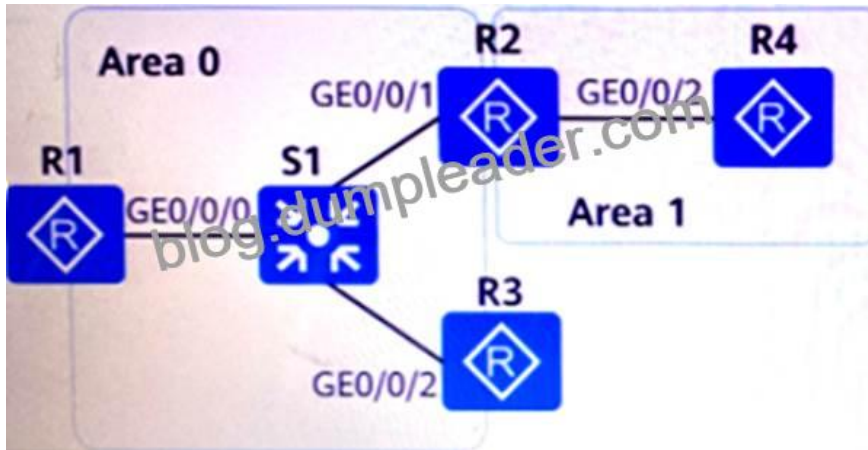
Q105. Through the display ip interface GE0/D/D command, you can view the statistics of ping packets received on this interface.

- * TRUE
- * FALSE

Q106. When OSPFv2 evolves to OSPFv3, the format and function of LSA are exactly the same, except that the network layer address in LSA changes from IPv4 to IPv6.

- * TRUE
- * FALSE

Q107. As shown in the figure, a certain park has deployed IPv6 for service testing, and there are 4 routers in the network. Run OSPFv3 to realize network interconnection.



Regarding the LSA generated by the OSPFv3 network, which of the following statements is wrong?

- * R1 itself will generate Router-LSA to describe device interface information, and will receive Router-LSA generated by R2 and R3 at the same time
- * There is a Network LSA generated by R3 in the LSDB of R1, indicating that R3 may be the DR of this link
- * R1 will receive the two Link-LSAs generated by R2, describing the two links information connected to R2 respectively
- * As an ABR, R2 will generate Inter-Area-Prefix-LSA describing the IPv6 address prefix of Area 1, and advertise it to R1 and R3

Q108. Run the display ip interface GEO/D/D command to view statistics about ping packets received on the interface.

- * True
- * False

Q109. Please sort by the cutover execution steps.

- * After the cutover is completed, observe the status of the network on the new device
- * Perform business inspections on new equipment
- * Cut over business from old equipment to new equipment
- * Install new equipment and configure
- * After ensuring the normal business operation of the new equipment, the old equipment goes offline

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