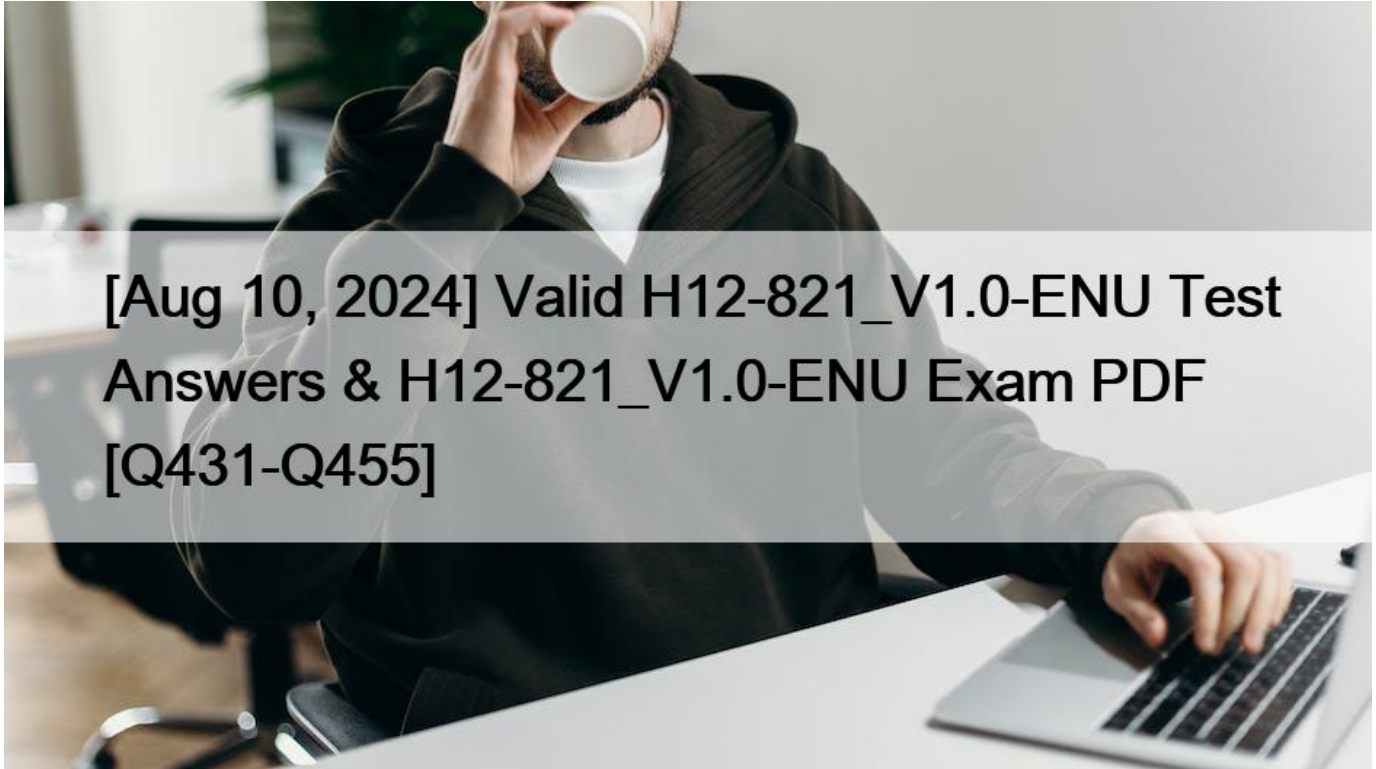


## [Aug 10, 2024 Valid H12-821\_V1.0-ENU Test Answers & H12-821\_V1.0-ENU Exam PDF [Q431-Q455]



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Huawei H12-821\_V1.0-ENU certification is a comprehensive exam that tests the candidate's knowledge of various data communication technologies. H12-821\_V1.0-ENU exam is designed to evaluate the candidate's ability to design, deploy, and manage data communication networks. Candidates who pass H12-821\_V1.0-ENU exam are considered to be experts in the field of data communication and are highly sought after by employers.

**Q431.** Which of the following BGP attributes will not be advertised to neighbors along with BGP Update packets?

- \* Next\_Hop
- \* Preferred-Value
- \* Origin
- \* AS\_Path

**Q432.** Which of the following descriptions about BGP, OSPF, IS-IS, and RIP is correct?

- \* The port number used by the BGP neighbor relationship based on the UDP session is 179
- \* RIP runs on the basis of UDP sessions, and the port number used is 520
- \* IS-IS runs on the basis of the IP protocol, using the protocol number 89
- \* OSPF runs on the basis of the IP protocol and uses the protocol number 88

**Q433.** In WLAN networking, which of the following backup technologies has the lowest cost and the slowest switching speed?

- \* Dual-link cold backup
- \* Dual link hot standby
- \* N+1 backup
- \* VRRP dual-machine hot standby

**Q434.** The Huawei Cloud Campus solution supports the free mobility function. This function can be configured through graphical policies to enable users to access anytime and anywhere.

- \* TRUE
- \* FALSE

**Q435.** The network administrator on a router BGP Ministry living information, neighbor information is shown in the figure, which of the following statements about the information is correct? (Multiple choice)

```
<RTA>display bgp peer
BGP local router ID : 1.1.1.1
Local AS number : 100
Total number of peers : 1
Peers in established state : 1
```

Peer	V	AS	MsgRcvd	MsgSent	OutQ	Up/Down	State	PrefRcv
3.3.3.3	4	100	10	20	0	0428h32m	Established	2

- \* The router did not receive the BGP routing prefix from the peer
- \* The Router ID of the local router is 1.1.1.1
- \* and peer 3.3.3.3 received, number of packets sent, respectively 10, 20
- \* and peer 3.3.3.3 neighbor relationship are IBGP peer

**Q436.** When the MTU of the interconnection interface of the two routers in the broadcast network does not match, and the interface is configured with ospf mtu-enable, which of the following description about the status change of the neighbor relationship between the two routers is true?

- \* The neighbor relationship status of the two devices stays at 2-way
- \* The neighbor relationship between the two devices stays at Exstart
- \* The neighbor relationship between two devices can enter Full
- \* The neighbor relationship status of the two devices stays in the Init state

**Q437.** As shown in the figure, please follow the DHCPv6 four-step interactive process, drag the message to the corresponding position R1, R2, R3, R4 in order to run OSPF, the area ID is as shown in the figure, then () is ABR. (please Fill in the device name, such as R1) (Multiple choice)



- \* Advertise
- \* Reply
- \* Solicit
- \* Request

**Q438.** By default, when the BGP neighbor's egress routing policy (route-policy) changes, manual operations are required to resend the Update message to the neighbor.

- \* TRUE
- \* FALSE

**Q439.** The command to configure VRRP preemption delay is:

- \* vrrp vrid 1 preempt-mode timer delay 20
- \* vrrp twist 1 hour delay 20
- \* vrrp vrid 1 preempt-timer 20
- \* vrrp vrid 1 preempt-delay 20

**Q440.** The following is part of the configuration information of the router Huawei. Which of the description of the configuration information is wrong?

```
[HUAWEI] ip as-path-filter 2 permit_200_300
```

```
[HUAWEI]route-policy test permit node 10
```

```
[HUAWE]-route-policy] if-match as-path-filter 2
```

- \* Define a Route-Policy named test, the node serial number is 10
- \* Set the AS path filter with sequence number 2, allowing routing

information to include AS200 and AS300

- \* Node 10 of the Route-Policy references AS path filter 2 and defines an if-match clause
- \* The Route-Policy can only be called in the OSPF process

**Q441.** As shown in the figure, the management VLAN of the LAN is VLAN 10, the AP obtains an IP address through DHCP, and the network segment is 10.1.1.0/24 AP, AC and AR are DHCP client, DHCP relay device and DHCP server respectively.



Which of the following is correct about the configuration of the DHCP relay device and the DHCP server?

(Multiple choice)

\* [AC] dhcp server group AP

[AC-dhcp-server-group-AP] dhcp-server 172.21.1.2

[AC-dhcp-server-group-AP] quit

[AC] interface Vlanif 10

[AC-Vlanif10] dhcp select relay

[AC-Vlanif10] dhcp relay server-select AP

[AC-Vlanif10] quits

\* [AR] ip pool AP

[AR-ip-pool-AP] network 172.21.1.0 mask 24

[AR-ip-pool-AP] gateway-list 172.21.1.2

[AR-ip-pool-AP] excluded-ip-address 172.21.1.1

[AR-ip-pool-AP] quit

[AR] interface GigabitEthernet 0/0/1

[AR-GigabitEthernet0/0/1] dhcp select global

[AR-GigabitEthernet0/0/1] quit

[AR]ip route-static 10.1.1.0 255.255.255.0 172.21.1.1

\* [Ac]dhcp server group AP

[AC-dhcp-server-group-AP] dhelp-server 10.1.1.2

[AC-dhcp server group-AP] quit [AC] interface Vlanif 10

[AC-Vlanif10] dhcp select relay

[AC-Vlanif10] dhcp relay server-select AP

[AC-Vlanif10] said

\* [AR] ip pool AP [AR-ip pool-AP] network 10.1.1.0 mask 24

[AR-ip-pool-AP] gateway-list 10.1.1.2

[AR-ip-pool-AP] excluded ip-address 10.1.1.1

[AR-ip-pool-AP] quit

[AR] interface GigabitEthernet 0/0/1

[AR-GigabitEthernet0/0/1] dhcp select global

[AR-GigabitEthernet0/0/1] quit

[AR] ip route-static 10.1.1.0 255.255.255.0 172.21.1.1

**Q442.** When a router running BGP receives a route with an unreachable next hop, how to deal with it?

- \* Refuse to join the BGP routing table, and silently discard
- \* Receive the route, add it to the BGP routing table, participate in the BGP routing rules, it may be selected as the best route, and add it to the IP routing table
- \* Receive the route and add it to the BCP routing table. But this route will not be selected by BCP and will not be added to the IP routing table
- \* Send an error message to the router that issued the Update

**Q443.** EVPN is a VPN technology that can only provide Layer 2 network interconnection.

- \* True
- \* False

**Q444.** In PIM-DM, the router will start a pruning timer for the pruned downstream interface, and the interface will resume forwarding after the timer expires.

How many seconds is this timer by default?

- \* 210 seconds
- \* 270 seconds
- \* 300 seconds
- \* 180 seconds

**Q445.** Which of the following descriptions about VRRP fast switching is wrong? (Multiple choice)

- \* If multiple BFDs are configured to monitor at the same time, each configuration is related to each other and may affect each other
- \* The VRRP backup group monitors common BFD and when the BFD state changes, it will change the master/standby state by modifying the priority of the backup group. When the monitored BFD session state recovers, the priority of the router in the backup group will be restored to original value
- \* A VRRP backup group cannot monitor Peer BFD, Link BFD and Normal BFD at the same time
- \* Use VRRP to monitor the BFD session or EFM function. After the BFD session or EFM session status changes, the VRRP module will be notified to realize VRRP fast switching

**Q446.** What is the minimum total length of the address in IS-IS Byte?

- \* 2
- \* 8
- \* 20
- \* 16

**Q447.** When unpacking and inspecting the goods, what should be checked on the packing list? (Multiple choice)

- \* Part number
- \* Part number
- \* Part Quantity
- \* Project name

**Q448.** Which of the following descriptions about AS\_Path is wrong?

- \* This attribute is a recognized mandatory attribute
- \* This attribute can be used as a condition for BGP route selection
- \* This attribute can determine that there is no loop between IBGP peers
- \* If BGP is configured with route aggregation, the ordered AS\_Path attribute will be lost, and there may be a risk of a loop

**Q449.** Which of the following descriptions about the OSPF Stub area is wrong?

- \* If an area is to be configured as a Stub area, all routers in the area must be configured with Stub area attributes
- \* Virtual connections cannot exist in the stub area
- \* ASBRs cannot exist in the stub area, that is, routes outside the autonomous system cannot be propagated in the stub area
- \* The backbone area (Area0) cannot be configured as a stub area
- \* The cost of the default route sent to the Stub area cannot be configured

**Q450.** When pinging the IP address of a certain interface of the firewall on the firewall, these messages will be handed over to the internal module of the firewall for processing and will not be forwarded.

- \* TRUE
- \* FALSE

**Q451.** What are the main types of ISIS Hello messages? (Multiple choice)

- \* P2P LAN IIH
- \* Level-1 LAN IIH
- \* Level-2 LANIH
- \* Level-3 LAN IIH

**Q452.** The recognized attribute in BGP is the attribute that all BGP routers must recognize and include in the Update message.

- \* TRUE
- \* FALSE

**Q453.** Which of the following descriptions about the security zone of the firewall is correct?

- \* The built-in security zone of the firewall can be deleted
- \* Different interfaces of the firewall can belong to the same security zone
- \* The same interface of the firewall can belong to different security zones
- \* Different security areas of the firewall can have the same priority

**Q454.** A certain router outputs the following information, which of the following statements is correct?

(Multiple choice)

```
<R1>display ospf interface Gigabitethernet 0/0/0
```

OSPF Process 1 with Router D 10.1.1.1

Interface: 10.0.12.1(GigabitEthernet 0/0/0)

Cost: 1 State: DR Type: Broadcast MTU: 1500

Priority: 1

Designated Router: 10.0.12.1

Backup Designated Router: 10.0.12.2

Timers: Hello 10,Dead 40,Poll 120,Retransmit 5,Transmit Delay 1

- \* This router is the DR
- \* The interface address of this router is 10.0.12.1
- \* The Router-ID of this router is 10.1.1.1
- \* The network type of this interface is broadcast

**Q455.** Which of the following description of VRRP is wrong?

- \* VRRP determines the status of each router in the virtual router based on priority
- \* If the Master already exists, Backup will also preempt.
- \* When two routers with the same priority compete for the Master at the same time, compare the size of the interface IP address, and the one with the larger interface address is elected as the Master
- \* If the Backup router works in non-preemptive mode, as long as the Master router does not fail, the Backup router will not become the Master router even if it is subsequently configured with a higher priority.

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