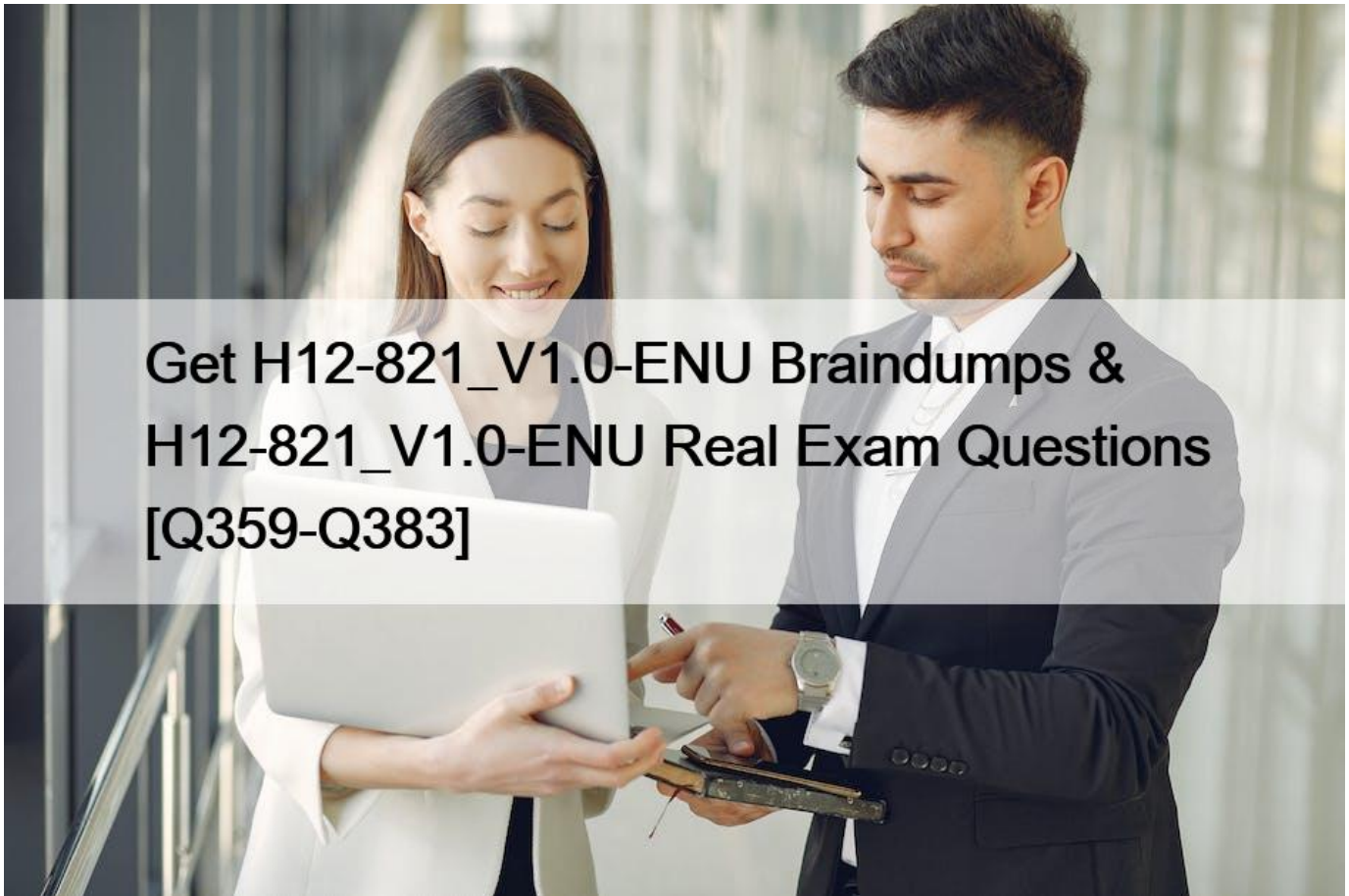


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Huawei H12-821_V1.0-ENU Actual Questions and Braindumps

Huawei H12-821_V1.0-ENU Certification Exam is a challenging exam that covers a wide range of topics related to data communication and network technology. Candidates must be able to demonstrate their understanding of the principles of network communication, network architecture, and network protocols. H12-821_V1.0-ENU exam also tests the candidate's ability to troubleshoot common network problems and design solutions to complex network issues.

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QUESTION 359

Which of the following descriptions about DIS in IS-IS is wrong?

- * In the IS-IS broadcast network, the election of DIS is preemptive mode
- * In the IS-IS broadcast network, routers with a priority of 0 also participate in the election of DIS
- * The time interval for DIS to send Hello PDU is 10 seconds
- * The DIS with the highest priority value is selected as the DIS

QUESTION 360

The first 4 bits of the IP multicast address are fixed 1110, corresponding to the upper 25 bits of the multicast MAC address. Of the last 28 bits of the IP multicast address, only 23 bits are mapped to the MAC address, so 5 bits of address information are lost. The direct result is that 32 IP multicast addresses are mapped to the same MAC address.

- * True
- * False

QUESTION 361

About the description of Network Address Port Translation (NAPT) and the Translate only network addresses (No-PAT), which of the following statement is true?

- * No-PAT supports protocol address translation at the network layer
- * No-PAT only supports protocol port conversion at the transport layer
- * After NATP translation, for external users, all messages will only come from the same 1P address
- * NAPT only supports protocol address translation at the network layer

QUESTION 362

Which of the following description about OSPF routing aggregation is wrong?

- * Any router in OSPF can perform route aggregation operations
- * Inter-area route aggregation refers to the aggregation of routing information of the same prefix, and only one route is advertised to other areas
- * OSPF has two route aggregation methods: ABR aggregation and ASBR aggregation
- * Through route aggregation, routing information can be reduced, thereby reducing the size of the routing table and improving the performance of the router

QUESTION 363

Which of the following descriptions about BGP Atonic_Aggregate and Aggregator are correct?

(Multiple choice)

- * The Aggregator attribute is an optional transition attribute
- * Atomic_Aggregate is a recognized arbitrary attribute
- * Receiving a route with the Atonic-Agrate attribute indicates that this route cannot be specified again
- * Agregator indicates that a certain route may have lost path attributes.

QUESTION 364

Which of the following information is carried in the BGP OPEN message? (Multiple choice)

- * Routing attributes
- * BGP Router ID
- * Hold time

* Local Autonomous System (AS) number

QUESTION 365

When the payload is an ICMPv6 packet, if the extended header is not considered, what is the value of the Next Header field in the IPv6 header?

- * 68
- * 58
- * 55
- * 78

QUESTION 366

Regarding network maintenance, which of the following statements are correct? (Multiple choice)

- * Routine maintenance is a routine plan
- * Routine maintenance belongs to the work of the optimization stage (improve) in PDIOI
- * Routine maintenance is an event-driven job
- * The handling of some problems in the troubleshooting work can be incorporated into the daily maintenance work

QUESTION 367

RPF has the function of preventing multicast forwarding loops.

- * TRUE
- * FALSE

QUESTION 368

To improve the reliability of RPs in a large network, deploy dynamic RPs. Please sort the dynamic RP election rules from high priority to low priority.

The one with the higher C-RP priority wins		1
The one with the longest group-wide mask of the C-RP service that matches the group address that the user group joined wins		2
Hash function calculation result wins		3
The one with the larger IP address of the C-RP wins		4

The one with the higher C-RP priority wins	The one with the higher C-RP priority wins	1
The one with the longest group-wide mask of the C-RP service that matches the group address that the user group joined wins	The one with the larger IP address of the C-RP wins	2
Hash function calculation result wins	The one with the longest group-wide mask of the C-RP service that matches the group address that the user group joined wins	3
The one with the larger IP address of the C-RP wins	Hash function calculation result wins	4

QUESTION 369

In RSTP, the edge port does not need to wait for the forwarding delay, and can directly enter the forwarding state. If the edge port receives BPDU, the edge port will be closed directly and enter the Aerror-down state

- * True
- * False

QUESTION 370

Which of the following descriptions about CloudFabric intelligent operation and maintenance is wrong?

- * CloudFabric intelligent operation and maintenance can actively operate and maintain, and automatically troubleshoot
- * CloudFabric intelligent operation and maintenance uses SNMP protocol to realize automatic operation and maintenance
- * CloudFabric intelligent operation and maintenance can realize second-level data collection through Telemetry
- * CloudFabric intelligent operation and maintenance is business-centric

QUESTION 371

Regarding the role of network maintenance, which of the following statements are correct? (Multiple choice)

- * Routine maintenance is a preventive job
- * The network baseline can be obtained through daily maintenance, thus laying a good foundation for troubleshooting
- * Routine maintenance has high technical requirements for operators, but not high requirements for operation specifications
- * The maintenance of the network is not only a technical issue, but also a management issue

QUESTION 372

Among the following options, which routing prefixes satisfy the following IP-Prefix conditions?

(Multiple choice)

[HUAWEI] ip ip-prefix test index 10 permit 20.0.0.0 16 greater equal 24 less-equal 28

- * 20.0.1.0/24
- * 20.0.1.0/23
- * 20.0.1.0/25
- * 20.0.1.0/28

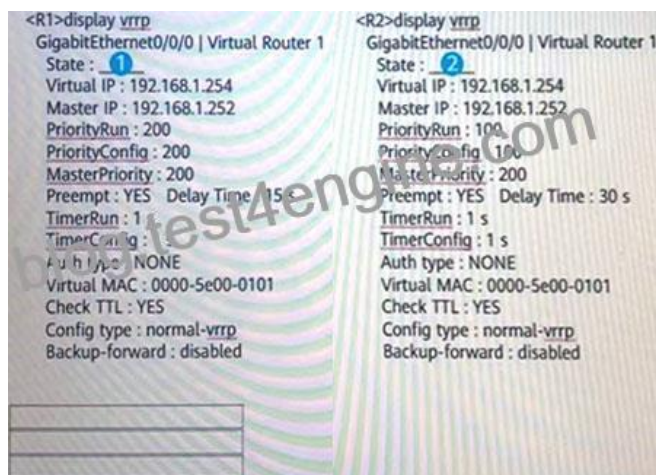
QUESTION 373

When the IPv6 address of the host is configured in the stateless address configuration method, and other parameters except the address are obtained through DHCPv6, how to set the M bit and O bit in the RA message?

- * M=1, O=1
- * M=0, O=0
- * M=1, O=0
- * M=0, O=1

QUESTION 374

As shown in the figure, R1 and R2 are VRRP backup groups with VRID (fill in Arabic characters), where the State of R1 is _____, and the State of R2 is _____. (Fill in English, pay attention to the capitalization of the first letter)



VRID is 1 1–Master 2–Backup

QUESTION 375

In the state detection firewall, when the state detection mechanism is enabled, when the second message (SHN+ACK) of the three-way handshake reaches the firewall, if there is no corresponding session table on the firewall, then which of the following statement is correct?

- * If the firewall security policy allows the packet to pass through, create a session table
- * By default, after the status function is turned off, and the allow policy is configured, it can pass
- * The message must pass through the firewall and establish a session table
- * If the firewall security policy allows the packet to pass through, the packet can pass through the firewall

QUESTION 376

Which of the following BGP attributes must not be included in the Update message of a BGP route?

(Multiple choice)

- * Origin
- * AS_PATH
- * Local-Preference

- * MED

QUESTION 377

When running OSPFv3 on a Huawei router, the OSPFv3 process will automatically select an interface address as the router ID of the process.

- * True
- * False

QUESTION 378

In VRRP, when a virtual router responds to an ARP request, it will use the MAC address of the directly connected interface of the main router.

- * TRUE
- * FALSE

QUESTION 379

Regarding the description of IBGP neighbors and EBGP neighbors, which of the following is false?

- * If the two exchange BGP packets peers belong to different autonomous systems, then the two peers are EBGP peer
- * If the two exchange BGP packets peers in the same autonomous system, then the two peers are IBGP peer
- * IBGP peers must be physically directly connected
- * Two routers running BGP must have IP connectivity to establish a TCP session

QUESTION 380

Which of the following descriptions about BGP neighbors is wrong? (Multiple choice)

- * BGP must configure MD5 authentication to establish neighbors
- * BGP establishes a neighbor relationship and needs to exchange link state information first
- * BGP needs to establish a UDP connection before establishing a neighbor
- * BGP routers support automatic neighbor discovery

QUESTION 381

In OSPF, the AS boundary router can be Internal Router or ABR, but it must belong to the backbone area.

- * TRUE
- * FALSE

QUESTION 382

IPv6 link-local addresses can be generated through stateless automatic configuration.

- * TRUE
- * FALSE

QUESTION 383

Hardware or software testing needs to be done before the cutover to ensure the smooth progress of the cutover.

- * TRUE
- * FALSE

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