H12-261

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Exam A

QUESTION 1
Router HW1 is seeing a large number of Discard Eligible (DE) frames. In Frame-relay, as part of the Congestion-Control Mechanism, the DE bit works in conjunction with which of the following mechanisms?

A. Differentiated Services Code Point (DSCP) settings
B. Frame-relay Traffic Shaping (FRTS) settings
C. Class-to-Service (CoS) settings
D. Type-of-service (ToS) settings
E. Forward Explicit Congestion Notification (FECN) of Backward Explicit Congestion Notification (BECN) settings

Correct Answer: E
Section: (none)

Explanation

Explanation/Reference:

QUESTION 2
Which parameter will not be received from the root bridge by a non-root bridge running 802.1D STP?

A. Forward delay
B. Hello time
C. Root cost
D. Hold time
E. Max Age

Correct Answer: D
Section: (none)
Explanation
Explanation/Reference:

QUESTION 3
Which of the following are used in Ethernet networks?

A. 802.5 encapsulated frames
B. 802.3 encapsulated frames
C. CSMA/CD for media access
D. Non Canonical format MAC addresses
E. Canonical format MAC addresses

Correct Answer: BCE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4
If a Gigabit Ethernet port receive buffer becomes full on a LAN switch, what protocol can be used to request that the remote port delay sending frames for a specified time?

A. 802.3AF
B. 802.1D
C. 802.3
D. 802.3X
E. 802.1U

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5
When receives or transmits data frames on an access port, what will the switch do?
A. Switch will send tagged frames belong to a specified vlan
B. When received a tagged frame from an access port. Switch may forward it vlan
C. Switch will learn the MAC-address only on access port
D. Switch only receives untagged frames from access port and drop all tagged frames

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
Spanning Tree Protocol calculates path cost based on which of the following?

A. Interface bandwidth
B. Interface delay
C. Hop count
D. Interface bandwidth and delay
E. Bridge priority

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 7

RTA:
interface Ethernet0/0
ip address 10.1.1.1 255.255.255.0
interface Ethernet0/1
ip address 30.1.1.1 255.255.255.0
ospf 100
area 0.0.0.0
network 10.1.1.0 0.0.0.255
network 30.1.1.0 0.0.0.255
RTB:
interface Ethernet0/0
ip address 10.1.1.2 255.255.255.0
interface Ethernet0/1
ip address 20.1.1.2 255.255.255.0
ospf 100
area 0.0.0.0
network 10.1.1.0 0.0.0.255
ospf 200
area 0.0.0.0
network 20.1.1.0 0.0.0.255
RTC:
interface Ethernet0/0
ip address 30.1.1.2 255.255.255.0
interface Ethernet0/1
ip address 20.1.1.1 255.255.255.0
ospf 200
area 0.0.0.0
network 20.1.1.0 0.0.0.255
network 30.1.1.0 0.0.0.255

Based on the preceding networking and configurations, which of the following statements is true?

A. Route flapping occurs

B. RTB and RTC cannot establish a neighbor relationship

C. RTA and RTB cannot establish a neighbor relationship

D. A neighbor relationship can be established; all network segments are reachable

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
When a router is building a routing table from different routing protocols, which of the following will determine the routes to be installed in the routing table?

A. The fastest routing process

B. uniqueness

C. Higher preference value

D. The route with the largest next-hop address

E. Low Router ID

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
QUESTION 9
Which of the following statements are NOT true regarding the TCP sliding window protocol? (Choose all that apply.)

A. The initial window offer is advertised by the sender
B. If the retransmission timer expires without the sender receiving an ACK message, the receiver retransmits the packet to the sender.
C. The size of the sliding window can only increase or stay the same
D. It allows the transmission of multiple frames before waiting for an acknowledgment
E. The receiver is required to acknowledge the data packets transmitted by the sender
F. The sender need not transmit a full window's worth of data

Correct Answer: ABEF
Section: (none)
Explanation

Explanation/Reference:

QUESTION 10
Routers R1 and R2 are configured for BGP. Both routers are in AS 65234. Routes from Router R2 are in the BGP table on Router R1, but not in the IP routing table. What could be the cause of this problem?

A. Synchronization is off
B. BGP multi-hop is disabled on Router R1
C. The next-hop of these routes can not reach by router R1
D. The BGP peers are down

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 11
What is the destination IP address of routing update packets sent by RIPv2?

A. 255.255.255.255
B. 224.0.0.1
C. 224.0.0.5
D. 224.0.0.9

E. 224.0.0.10

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Which types of prefixes will a router running BGP most likely advertise to an IBGP peer, assuming it is not configured as a route reflector?

A. Prefixes received from EBGP peers and prefixes received from route reflectors
B. All prefixes in its routing table
C. Prefixes received from EBGP peers and prefixes locally originated via network statements or imported
D. Prefixes received from other IBGP peers, prefixes received from EBGP peers, and prefixes imported to BGP
E. Prefixes received from other IBGP peers and prefixes received from router reflectors
F. Prefixes received from any other BGP peer and prefixes locally originated via network statements or imported

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 13
If a router receives a BGP route carrying the no-export community attribute, which of the following actions does the router take?

A. Does not advertise the route to other BGP routers
B. Discards the route directly
C. Advertises the route to IBGP peers only
D. Advertises the route normally, but does not use it to forward data

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14

Which of following statements is true about IS-IS LDP synchronization?

A. LDP establishes a neighbor relationship faster than IS-IS, so LDP synchronization is disabled by default
B. LDP synchronization can prevent traffic loss during an active/standby link switchover
C. LDP synchronization can be enabled globally
D. LDP synchronization can be configured on Loopback interfaces

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15

When a router within the HW network makes a forwarding decision, the _____ is always used to select the best route from those installed in the routing table.

A. Routing process ID
B. Longest prefix match
C. Administrative Distance
D. Router ID
E. Peer ID

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16

Which of the following are found in a basic Network Layer Packet?
A. Network Layer Header
B. Path records

C. Data Link Layer Header

D. Upper Layer Data

E. Network Layer Trailer

Correct Answer: ADE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17
OSPF is running on a network. In OSPF, what LSA type would only cause an Incremental SPF calculation?

A. Type 3

B. Type 4

C. Type 1

D. Type 2

E. Type 5

Correct Answer: ABE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
Which of the following can be used for BGP route selection?

A. DSCP

B. IP-PREFIX

C. ACL

D. AS-PATH-FILTER

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19
Authentication can be configured in the IS-IS protocol to enhance IS-IS security. The IS-IS authentication functions include interface authentication, area authentication, and routing domain authentication.

A. FALSE
B. TRUE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
Which of the following scenarios can an AS-path-filter be used for?

A. Apply clauses in a route-policy
B. Filtering the routes received from a BGP peer based on the as-path attributes of the routes, for example, peer X.X.X.X as path-filter import
C. Filtering the routes sent to a BGP peer based on the as-path attributes of the routers, for example, peer X.X.X.X as-path-filter export
D. If-match clauses in a route-policy

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
Which of the following statements are true about RIPng?

A. RIPng does not have an authentication mechanism
B. Each RIPng update packet contains a maximum of 25 routes
C. RIPng supports MD5 authentication

D. RIPng uses the link local address to send update packets

E. RIPng supports a maximum of 32 hops

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22
Which of the following are legal representations of the IPv6 prefix 12AB00000000CD30?

A. 12AB::CD3::/64

B. 12AB::CD30/64

C. 12AB::0000:0000:CD30:0000:0000:0000:0000/64

D. 12AB:0:0:CD3::/64

E. 12AB:0:0:CD3/64

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23

Besides an IPv4 address, a router distinguisher (RD) also contains an identifier that distinguishes IP routes to the same destination IP address in different VPNs. How many bits are there in the identifier?

A. 16
B. 64
C. 128
D. 32

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24

Source Specific Multicast (SSM)is being used throughput the HW IP Multicast network. Which of the following three statements about SSM are true? (Choose three.)

A. SSM uses Shortest-Path Trees Only
B. There are no RPs to worry about
C. SSM is best suited for applications that are of the Many-to-Many category
D. SSM uses shared Trees only
E. The use of SSM is recommended when there are many sources and it is desirable to keep the amount of mroute state in the routers in the network to a minimum.
F. SSM is best suited for applications that are of one-to-many category

Correct Answer: ABF
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25

The default SSM group address range is 232.0.0.0/8. Which of the following configurations can be performed to modify the SSM group address range?

A. Run the ssm-policy advanced-acl-number command in the system view to configure the SSM group address range

B. Run the ssm-policy basic-acl-number command in the system view to configure the SSM group address range
C. Run the ssm-policy advanced-acl-number command in the PIM view to configure the SSM group address range
D. Run the ssm-policy basic-acl-number command in the PIM view to configure the SSM group address range

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26

Which Multicast Protocols use Reverse Path Forwarding (RPF) information when sending multicast traffic streams towards receivers within HW routers?

A. PIM Dense Mode
B. DVMRP
C. Multicast OSPF
D. PIM Sparse Mode

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27

Which of the following are differences between PIM-SM and PIM-DM?

A. PIM-SM has RPTs and SPTs but PIM-DM has only RPTs
B. BSRs/RPs exist only on a PIM-SM network, not on a PIM-DM network
C. PIM-SM is applicable to a network with few receivers; PIM-DM is applicable to a network with a larger number of receivers
D. Whether in PIM-SM or PIM-DM mode, receiver hosts must join multicast groups through IGMP

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
To configure AAA, you need to define a RADIUS server. The RADIUS server is configured as follows:
[Huawei]radius-server template EXAM
[Huawei-radius-EXAM] radius-server shared-key cipher HUAwei123
[Huawei-radius-EXAM] radius-server authentication 10.7.66.66 1812
[Huawei-radius-EXAM] radius-server authorization 10.7.66.66 1812
[Huawei-radius-EXAM] radius-server accounting 10.7.66.66 1813
[Huawei-radius-EXAM] radius-server retransmit 2

A. FALSE
B. TRUE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
Which of the following statements are false about Weighted Round Robin (WRR)?

A. WRR is a congestion management technology
B. WRR prevents congestion on the network
C. WRR ensures important traffic being forwarded first
D. WRR ensures that all queues being serviced
E. WRR cannot be used on gigabit-ethernet interfaces

Correct Answer: BE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30
Which of the following statements is false about the DSCP field?

A. When the DSCP value is EF, data is forwarded in expedited forwarding mode
B. CS in DSCP classifies data based on eight priorities
C. DSCP can represent the data priority as well as the packet drop probability
D. The DSCP value can be 0. When the value is 0, the default packet forwarding mechanism is used

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
You must ensure that mission critical traffic is prioritized in the HW network. The IP precedence of a packet can be determined by which of the following?

A. The three most significant bits of the ToS byte
B. All 8 bits of the ToS byte
C. The three least significant bits of the ToS byte
D. Bit 4, 5, and 6 of the ToS byte

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32
To improve delay and jitter on frame relay links, we can fragment and assemble the frame between multiple PVCs. This is similar to what happens with PPP multilink.

A. FALSE
B. TRUE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
QUESTION 33
A new Syslog server is being installed in the HW network to accept network management information. What characteristics apply to these Syslog messages?

A. Its transmission is acknowledgment
B. Its transmission is secure
C. Its transmission is not secure
D. Its transmission is not reliable
E. Its transmission is not acknowledged
F. Its transmission is reliable

Correct Answer: CDE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34
Which of the following statements about VRRP load balancing are false?

A. When configuring priorities, you must ensure that the same router server as the master router in three VRRP backup groups
B. To implement load balancing, default network gateways of hosts on a LAN must be configured as IP addresses of different virtual routers
C. Multiple VRRP backup groups can be created on an interface of a router. The router can serve as the master router in on VRRP backup group and the backup router in other VRRP backup groups.
D. VRRP local balancing requires that at least two virtual routers transmit services at the same time.

Correct Answer: ABC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35
SWA and SWB are connected through two physical Ethernet links. SWA has the following interface configurations:

```
[SWA]interface GigabitEthernet1/0/1
[SWA-GigabitEthernet1/0/1]port link-type trunk
[SWA-GigabitEthernet1/0/1]port trunk allow-pass vlan 1 10 100 [SWA]interface GigabitEthernet 1/0/2
[SWA-GigabitEthernet1/0/2]port link-type trunk
[SWA-GigabitEthernet1/0/2]port trunk allow-pass vlan 1 10
```

The two links are aggregated.
Assume that the configuration on SWB is correct. Given this information, which of the following statements are true?

A. GigabitEthernet1/0/1 and GigabitEthernet1/0/1 can be added to the same LAG without changing the current configurations.
B. After link aggregation is configured on SWA and SWB, if MSTP is enabled on them, GigabitEthernet1/0/1 and GigabitEthernet1/0/2 enter the Forwarding state in MSTP.
C. GigabitEthernet1/0/1 and GigabitEthernet1/0/2 can be added to the same LAG only after the configuration of GigabitEthernet1/0/2 is changed to be the same as that of GigabitEthernet1/0/1.
D. GigabitEthernet1/0/1 and GigabitEthernet1/0/2 cannot be added to the same LAG because the allowed VLANs are different.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
Which of the following statements regarding the process of sending and receiving data frames on a port in access link-type is true?

A. Tagged data frames that are received are directly discarded.
B. Only untagged data frames are received.
C. VLAN tags are removed before data frames are sent.
D. A switch learns the destination MAC address in the data frames when they are received on the switch's port.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
QUESTION 37

How long will a Huawei running RSTP wait before aging out the BPDUs on an interface?

A. Hello time interval
B. 6 seconds
C. MaxAge interval
D. BPDUs on the interface will not be aged out
E. Forward delay

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000088827?section=j00h

QUESTION 38
Which of the following statements regarding LACP are true?

A. You can run the following commands to delete member interfaces from an Eth-Trunk:
interface GigabitEthernet0/0/1
shutdown
interface
GigabitEthernet0/0/1   undo
eth-trunk 1 interface
GigabitEthernet0/0/1 undo
shutdown
B. You can run the following commands to prevent frequent flapping due to physical link faults on an Eth-Trunk:
interface eth-trunk 1   lacp
preempt enable   lacp preempt
delay delay-time
C. You can run the following commands to add member interfaces to an Eth-Trunk:
interface GigabitEthernet0/0/1
shutdown interface eth-trunk 1

trunkport GigabitEthernet0/0/1
interface GigabitEthernet0/0/1
undo shutdown
D. You can run the following commands to enable load balancing based on source IP addresses for an Eth-Trunk:

```
interface eth-trunk 1
    load-balance src-dst-ip
```

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39
As shown in the figure below, R1 and R2 are connected through a PPP link, and the IP addresses on the directly connected interfaces are not on the same network segment. R1 and R2 can communicate with each other through the directly connected interfaces. However, communication on the Ethernet link fails if the IP addresses on the directly connected interfaces are on the same network segment. What are the causes of this?
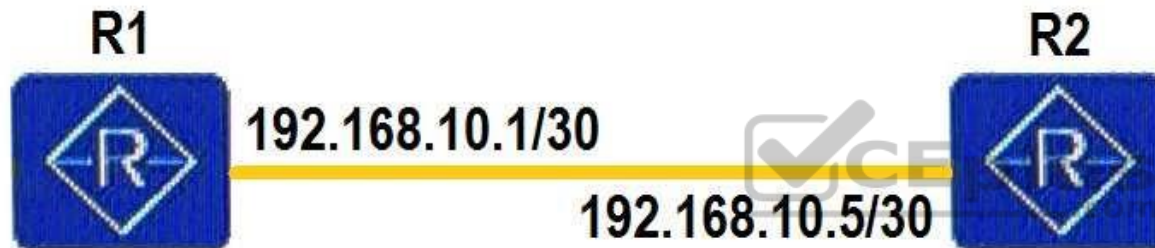
A. The Ethernet header does not need to be encapsulated into data packets between R1 and R2 that are directly connected through a POS interface, and ARP does not need be used to obtain MAC addresses.
B. R1 and R2 that are directly connected through a POS interface learn the MAC address of each other using LCP, and ARP does not need to be used to obtain MAC addresses.
C. R1 and R2 that are directly connected through a POS interface learn the 24-bit subnet route of each other through IPCP.
D. R1 and R2 that are directly connected through a POS interface learn the 32-bit host route of each other through IPCP.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
Routes received from AS100 match the AS-Path filter configured using the ip as-path-filter 10 permit_100$ command.
A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
Which of the following attributes cannot be directly referenced by the if-match clause of route-policies?

A. Community-filter
B. IP-prefix
C. AS-Path-filter
D. Regular expression

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: http://support.huawei.com/enterprise/pages/doc/subfile/docDetail1.jsp?contentId=DOC1000027467&partNo=10152

QUESTION 42
Which of the following configurations regarding OSPFv3 route aggregation are true?

A. [Huawei]ospfv3 1
   [Huawei-ospfv3-1]asbr-summary fc00:0:0:: 48 cost 20 tag 100
B. [Huawei]ospfv3 1
   [Huawei-ospfv3-1]abr-summary fc00:0:0:: 48 cost 400
C. [Huawei]ospfv3 1
   [Huawei-ospfv3-1]area 1
   [Huawei-ospfv3-1-area-0.0.0.1]abr-summary fc00:0:0:: 48 cost 400
D. [Huawei]ospfv3 1

[Huawei-ospfv3-1]area 1
[Huawei-ospfv3-1-area-0.0.0.1]asbr-summary fc00:0:0:: 48 cost 20 tag 100

E. [Huawei]interface gigabitethernet 1/0/0
[Huawei- Gigabitethernet1/0/0]asbr-summary fc00:0:0:: 48 cost 20
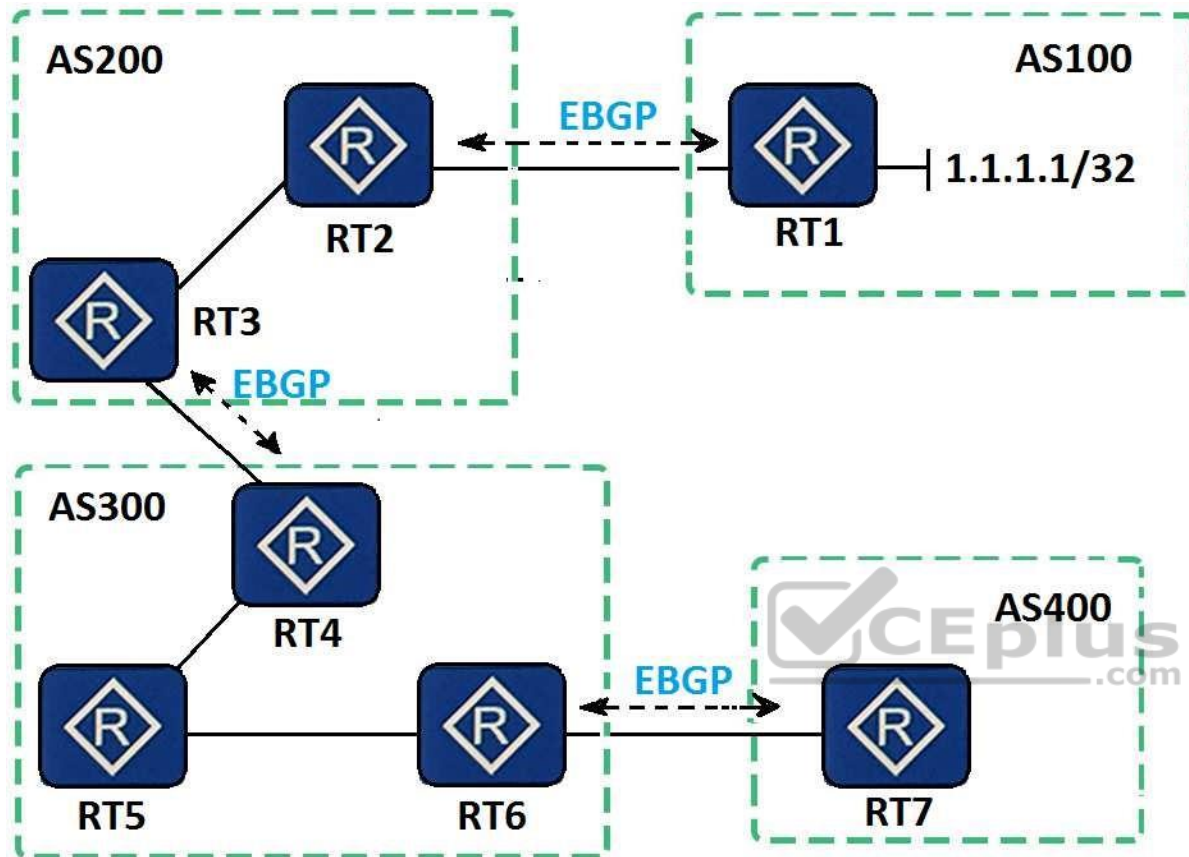
Correct Answer: A

Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000102430?section=k00a

QUESTION 43
As shown in the following topology, EBGP runs between AS100, AS200, AS300, and AS400, and peer relationships have been established between them. When AS400 receives a BGP route to the network segment 1.1.1.1/32 from AS100, which of the following is the correct value of the AS_Path attribute?

A. 100,200,300,400
B. 300,200,100
C. 400,300,200,100
D. 100,200,300

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
If no area is divided, which of the following statements regarding the link-state routing protocol are true?

A. Routers in the same routing domain may repeatedly receive the same link state information.
B. Routers in the entire routing domain have the same LSDB.
C. Each router establishes a routing domain topology.
D. Each router learns routing entries from updated routing information and adds them to the routing table.
E. The router sends all link state information from a neighbor to all other neighbors to ensure data synchronization in the database.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
A route selection tool can define multiple entries. Which of the following tools will automatically generate a deny-any entry at the end of the configuration?

A. Route policy
B. IP-prefix
C. Community-filter
D. AS-Path-filter

Correct Answer: A
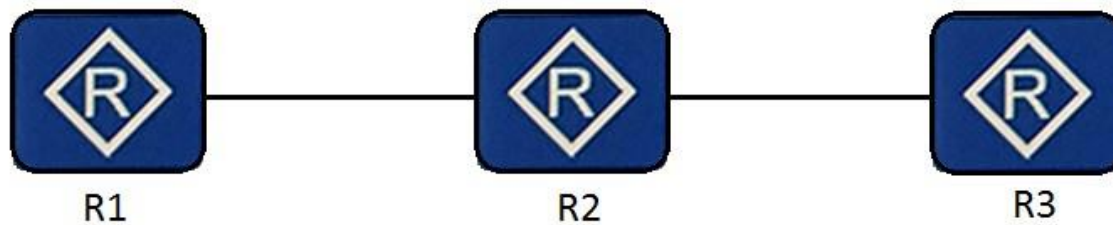**Section: (none)**
Explanation

Explanation/Reference:

QUESTION 46
The figure shows the topology and configuration. Which of the following methods can be used to exclude the specific route 10.0.3.3/32 from the routing table of R1?

R1

```
isis 1
network-entity 49.0001.0001.0001.0001.00
#
interface Etherent0/0/0
ip address 10.0.12.1  255.255.255.0
isis enable 1
#
```

R3

```
isis 1
network-entity 49.0001.0003.0003.0003.00
#
interface Etherent0/0/0
ip address 10.0.23.3  255.255.255.0
isis enable 1
#
interface LoopBack0
ip address 10.0.3.3  255.255.255.255
isis enable 1
#
```

R2

```
isis 1
is-level level-1
network-entity 49.0001.0002.0002.0002.00
#
interface Etherent0/0/0
ip address 10.0.12.2  255.255.255.0
isis enable 1
#
interface Etherent0/0/1
ip address 10.0.23.2  255.255.255.0
isis enable 1
#
interface LoopBack0
ip address 10.0.2.2  255.255.255.255
isis enable 1
#
```

A. On R2, configure a filter-policy, use the ACL applied to the filter-policy to match 10.0.3.3/32, and apply the filter-policy to the export direction.

B. Configure route summarization on R2 and summarize routes as 10.0.0.0/16.

C. On R1, configure a filter-policy, use the ACL applied to the filter-policy to match 10.0.3.3/32, and apply the filter-policy to the import direction.

D. Configure route summarization on R3 and summarize routes as 10.0.0.0/16.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 47
If the Option field in the OSPFv3 Hello packet sent from GigabitEthernet0/0/0 of router A is 0x000013, which of the following statements are true?

A. GigabitEthernet0/0/0 of router A belongs to an NSSA.
B. GigabitEthernet0/0/0 of router A participates in IPv6 route calculation.
C. Router A supports flooding of AS-external-LSAs.
D. Router A is an OSPFv3 device enabled with the forwarding capability.
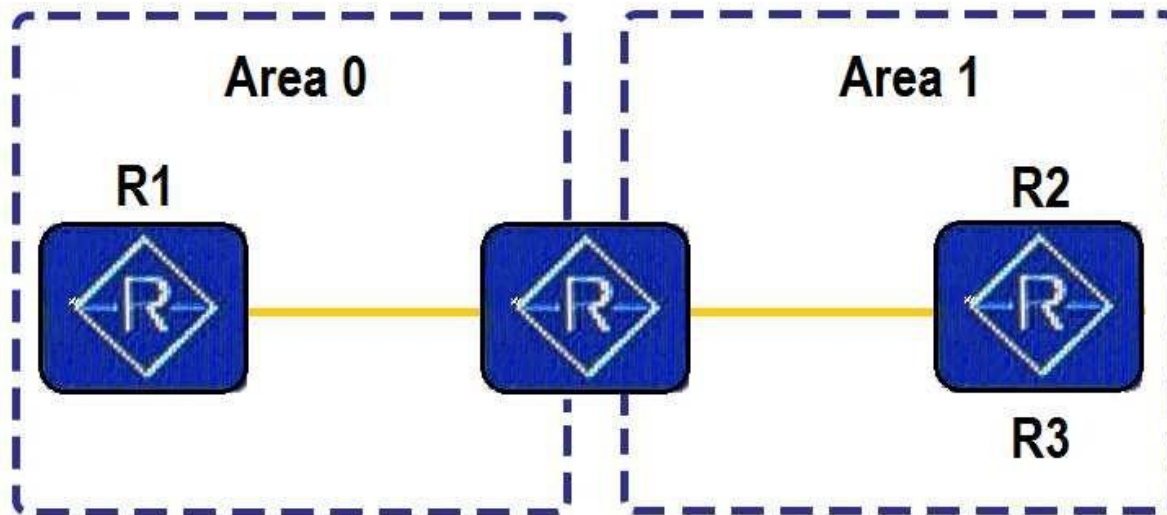
Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48

As shown in the following figure, R1, R2, and R3 run OSPF and advertise their loopback interface addresses into OSPF. Which of the following statements is false?

A. The filter import command can be executed on R2 in Area 0 to filter loopback interface routes of R3.
B. The filter-policy import command can be executed on R1 to filter loopback interface routes of R3.
C. The filter export command can be executed on R2 in Area 1 to filter loopback interface routes of R3.
D. The filter-policy export command can be executed on R2 to filter loopback interface routes of R3.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 49
After IS-IS area authentication is configured, which of the following IS-IS packets will carry authentication information?

A. IS-IS Level-1 SNPs and LSPs
B. IS-IS Level-1 Hello PDUs
C. IS-IS Level-2 Hello PDUs

D. IS-IS Level-2 SNPs and LSPs

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/mx/doc/EDOC1100027150?section=j03h&topicName=is-is-authentication

QUESTION 50
Which of the following AS-_Path attribute values can be matched by the AS-Path filter configured using ip as-path filter 1 permit .*(100|400$command?

A. 100
B. 3100
C. 300 4200
D. 1234 1400

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 51
Type 5 LSAs in OSPF are used to transmit external routes. Which of the following statements regarding Type 5 LSAs is false?

A. Type 5 LSAs are advertised by ASBRs and flooded on OSPF networks except stub areas and NSSAs.
B. Filtering policies can be configured on ABRs or ASBRs to filter Type 5 LSAs.
C. A Type 5 LSA contains the FA address, which is 0.0.0.0. The FA address is reserved only and does not take effect.
D. Routers in the same area as the ASBR can calculate external routes through intra-area LSAs and Type 5 LSAs.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
QUESTION 52

Which of the following statements regarding the stub area in OSPF are true?

A. A virtual link cannot pass through a stub area.
B. A backbone area cannot be configured as a stub area.
C. Type 7 LSAs cannot be flooded to a stub area.
D. A stub area contains no ASBR.

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/de/doc/EDOC1000141870/4c544c36/example-for-configuring-an-ospf-stub-area

QUESTION 53
Which layers are shared in the OSI reference model and TCP/IP model?

A. Presentation layer
B. Application layer
C. Transport layer
D. Session layer
E. Data link layer

Correct Answer: BCE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
Which of the following statements regarding IS-IS LSP fragment extension is true?

A. LSP fragment extension enables an IS-IS router to generate multiple LSP fragments to carry more IS-IS information.
B. An IS-IS router can generate a maximum of 1024 LSP fragments.
C. LSP fragment extension is implemented by adding virtual systems, with a maximum of 1000 virtual systems supported.
D. LSP fragment extension is also valid for Hello PDUs.

Correct Answer: A
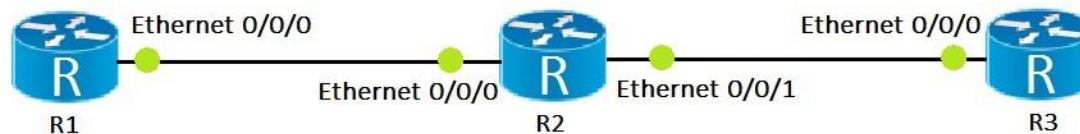**Section: (none)**
Explanation

Explanation/Reference:

QUESTION 55
Which of the following statements is true according to the topology shown?


```
R1
isis 1
network-entity 49.0001.0001.0001.0001.00
#
interface Etherent0/0/0
ip address 10.0.12.1 255.255.255.0
isis enable 1
#
R3
isis 1
network-entity 49.0001.0003.0003.0003.00
#
interface Etherent0/0/0
ip address 10.0.23.3 255.255.255.0
isis enable 1
#
interface LoopBack0
ip address 10.0.3.3 255.255.255.255
isis enable 1
#
```

```
R2
isis 1
is-level level-1
network-entity 49.0001.0002.0002.0002.00
summary 10.0.0.0 255.255.0.0 level-1
#
interface Etherent0/0/0
ip address 10.0.12.2 255.255.255.0
isis enable 1
#
interface Etherent0/0/1
ip address 10.0.23.2 255.255.255.0
isis enable 1
#
interface LoopBack0
ip address 10.0.2.2 255.255.255.255
isis enable 1
#
```

A. Routing entries 10.0.3.3/32 and 10.0.0.0/16 exist in the IP routing table of R1.
B. Routing entries 10.0.2.2/32 and 10.0.3.3/32 exist in the IP routing table of R1.
C. Because routing summarization is configured on R2, only the routing entry 10.0.0.0/16 exists in the IP routing table of R1.
D. Routing entries 10.0.2.2/16 and 10.0.0.0/16 exist in the IP routing table of R1.

Correct Answer: C

Section: (none)
Explanation

Explanation/Reference:

QUESTION 56
Which of the following statements regarding BGP attributes is true?

A. A route can have only one value for the Community attribute.
B. The number of the neighboring AS is displayed to the right of the AS_path list of a BGP routing entry.
C. The Local_Pref attribute is exchanged only between EBGP peers and is not advertised other ASs.
D. When advertising a route learned from an EBGP peer to an IBGP peer, the BGP speaker does not change the Next_Hop attribute of the route.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
You are assigned the task of compressing an IPv6 address as much as possible. If the original IPv6 address is 2013:0000:130F:0000:0000:09C0:876A:130B, which of the following is the IPv6 address in its compressed format?

A. 213::13F::9C0:876A:13B
B. 2013::130F::09C0:876A:130B
C. 2013:130F:0:0:9C0:876A:130B
D. 2013:0:130F:0:0:09C0:876A:130B
E. 2013:0:130F::09C0:876A:130B

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:
QUESTION 58
The display mpls lsp command is run on a router to check LSP information. The command output is as follows:

```
[Huawei]display mpls lsp
            LSP Information: LDP LSP
FEC          In/Out Label    In/Out IF    Vrf Name
1.1.1.1/32   NULL/1024       -GE0/0/2
1.1.1.1/32   1027/1024       -GE0/0/2
2.2.2.2/32   NULL/3          -GE0/0/2
2.2.2.2/32   1028/3          -GE0/0/2
3.3.3.3/32   NULL/3          -GE0/0/0
3.3.3.3/32   1026/3          -GE0/0/0
4.4.4.4/32   3/NULL          -/-
```

Which of the following statements is true?

A. When sending a data packet with the destination IP address 4.4.4.4, the router sends it directly without any label added.
B. After receiving a data packet with label 1024, the router changes the label to label 1027 and then sends the packet.
C. When sending a data packet with the destination IP address 2.2.2.2, the router sends it directly without any label added.
D. When sending a data packet with the destination IP address 3.3.3.3, the router adds label 1026 to the packet before sending it.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 59
If PIM-SM is enabled on a multicast network, only after multicast tress are established between the multicast source and receivers, the receiver can

receive multicast data. Which of the following statements regarding the trees are true? A. An RPT is established between the RP and receivers.

B. An SPT is established between the RP and receivers.
C. An SPT is established between the multicast source and RP.
D. An RPT is established between the multicast source and RP.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
What advantages does IGMPv2 have over IGMPv1?

A. The Source-Specific Query message is added.
B. The Group-Specific Query message is added.
C. The Leave message is added.
D. The maximum response time field is added.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 61
Which of the following operations can implement fast fault detection on a multicast network?

A. Shorten the holdtime of Join or Prune messages.
B. Shorten the interval for sending Join or Prune messages.
C. Shorten the interval of PIM Hello messages.
D. Set up BFD for PM sessions between PIM SM neighbors.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
QUESTION 62
Which of the following attacks are DoS (Denial of service) attacks?

A. Single-packet attacks

B. Flood attacks

C. Man-in-the-middle attacks

D. Source IP address spoofing attacks.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 63
A Local Area Network Denial (LAND) attacker sends a SYN packet in which the source and destination addresses are the same as the target host's address and the source port is the same as the destination port. While the receiver waits for the final ACK packet from the sender, the connection is in half-connected mode, which wastes limited TCP resources at the receive end.

A. TRUE

B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 64
Which of the following is not included in a digital certificate?

A. Digital envelope

B. Issuer

C. Public key information

D. Digital signature

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 65

Assume that the traffic shaping rate is set to 100 Mbit/s on an interface and that the input bandwidth and PIR of each service are configured as shown in the table below.

What is the bandwidth allocated to the EF queue after the first round of scheduling?

Queue type	Scheduling type	input bandwidth (bps)	pir (bps)
CS7	PQ	15M	25M
CS6	PQ	30M	10M
EF	WFQ, Weight=5	90M	10M
AF4	WFQ, Weight=4	10M	10M
AF3	WFQ, Weight=3	10M	15M
AF2	WFQ, Weight=2	20M	10M
AF1	WFQ, Weight=1	20M	10M
BE	LPQ	100M	50M

A. 30 Mbit/s
B. 90 Mbit/s
C. 25 Mbit/s
D. 15 Mbit/s

Correct Answer: A
Section: (none)
Explanation
Explanation/Reference:

QUESTION 66

Which of the following type of SNMP messages sent to the NMS is reliable?

A. Get
B. GetBulk
C. Trap
D. Inform
E. Response

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 67
Subnets of one subnet is as follows: RT=10:10 both and TR=1000:1000 export in the EVPN instance and RT=100:100 in the VPN instance. Which of the following configurations can be made for another subnet?

A. 1000:1000 both in the EVPN instance
B. 1000:1000 both evpn in the VPN instance
C. 10:10 both in the VPN instance
D. 1000:1000 export in the EVPN instance

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68
A VXLAN tunnel can be established between two VTEPs and shared by all VXLAN Network Identifiers (VNIs) between two NVE nodes.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 69
Which of the following statements regarding the IPv6 over VXLAN network is false?

A. The IPv6 over VXLAN network indicates that the VXLAN overlay network is an IPv6 network.
B. The IPv6 Over VXLAN network does not generate ND entries.
C. Tunnels between Layer 2 and Layer 3 VXLAN gateways are deployed on an IPv4 network.
D. The IPv6 over VXLAN network enables tenants to have sufficient IP address resources.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 70
Router HW1 functions as an MPLS LSR router on the carrier's network. The router receives a labelled packet, but the label entry does not exist in the router's LFIB.
Given this information, how will the router process the packet?

A. Router HW1 discards the packet.
B. Router HW1 uses the default label to forward the packet.
C. Router HW1 removes the label, searches the FIB, and uses the destination IP address to forward the packet.
D. Router HW1 uses LDP to create an LSP and creates a path in its LFIB for the label carried in the packet.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
QUESTION 71
Which of the following statements regarding the basic MPLS forwarding process is false?

A. When an IP packet enters an MPLS domain, the device checks whether the tunnel ID corresponding to the destination IP address of the packet is 0x0. If so, the MPLS forwarding process starts.

B. By default, the egress node supporting PHP allocates the label with the value of 3 to the penultimate hop.

C. A transit node replaces a label on the top of the label stack in an MPLS packet with the label assigned by the next hop.

D. When an IP packet enters an MPL5 domain, the MPLS edge device inserts a new label between the Layer 2 header and the IP header of the packet.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 72
In which of the following scenarios will gratuitous ARP packets be sent?

A. A host connected to the switch sends a ping packet.

B. The DHCP client receives an acknowledgment message from the server

C. A new host with an IP address is connected to the network.

D. The master and backup devices are elected in VRRP.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 73
The function of the Hop Limit field in an IPv6 basic header is similar to the function of which field in an IPv4 header?

A. Protocol

B. Time to Live

C. Flags

D. Identification

Correct Answer: B
Section: (none)
Explanation

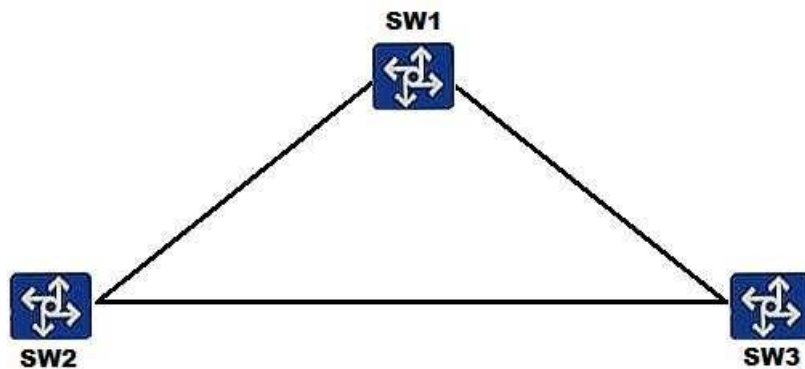**Explanation/Reference:**

QUESTION 74
On the network shown in the figure below, SW1, SW2 and SW3 are deployed. SW1 is the root bridge, link congestion occurs between SW1 and SW2, and SW2 cannot receive configuration BPDUs sent by the root bridge. Given this information, which of the following spanning tree protection mechanisms needs to be configured to prevent problems caused by link congestion?

A. Defense against TC BPDU attacks
B. Root protection
C. BPDU protection
D. Loop protection

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 75
Which of the following statements regarding OSPF route filtering is false?

A. The filtering of Type 3 LSAs needs to be configured on ABRs in OSPF.
B. In a NSSA, when external routes are imported to the OSPF router and LSAs are advertised to its neighbors, LSA filtering can be performed on the ASBR or ABR.
C. All LSAs, except Grace LSAs, can be filtered based on interfaces in the inbound and outbound directions.
D. When routes are calculated based on the LSDB, the filter-policy import command can be executed to filter routes. This filtering mode affects only the addition of routes in the routing table, and has no impact on the OSPF LSDB.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 76
What are the differences between traffic policing and traffic shaping?

A. For traffic shaping, you can adjust the usage of the buffer for the traffic that exceeds the CIR.
B. For traffic policing, you can adjust the usage of the buffer for the traffic that exceeds the CIR.
C. For traffic shaping, the router buffers excess packets until the bandwidth is available again.
D. Traffic policing uses the token bucket algorithm and traffic shaping uses the SPD algorithm.
E. Traffic shaping is applied in the inbound direction and traffic policing is applied in the outbound direction.

Correct Answer: C
Section: (none)
Explanation
Explanation/Reference:

QUESTION 77
Which of the following statements regarding URPF, IPSG, and DAI are false?

A. IPSG checks the source IP addresses and source MAC addresses of IP packets, and DAI checks only the mapping between IP addresses and MAC addresses.
B. DAI binding entries cannot be manually configured.
C. URPF can be used to defend against DDoS attacks from forged sources.
D. IPSG checks IP packets to defend against attacks using spoofed source IP addresses, and DAI checks ARP packets to filter out attack sources.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 78
By default, WRED is configured on a newly deployed Huawei router. Which of following statements regarding WRED are true?

A. When traffic exceeds the minimum threshold, WRED starts to discard all inbound traffic (tail drop).
B. Traffic with low bandwidth is more likely to be discarded than traffic with high bandwidth.
C. WRED selectively discards multiple TCP flows to avoid global synchronization.
D. WRED can be used to set different drop thresholds and packet loss rations for data packets with different priorities.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 79

The HTTP protocol is based on TCP. Therefore, TCP flood attacks and HTTP flood attacks are defended against in the same way.

A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 80
If PIM-SM is enabled on a multicast network, an RP needs to be configured. The RP can be configured as a dynamic or static RP. Which of the following statements regarding RP configuration is true?

A. No BSR needs to be configured when a dynamic RP is configured.
B. When a static RP is configured, you need to configure a BSR that advertises RP information.
C. The BSR needs to be configured as the RP backup when a dynamic RP is configured.
D. RP information needs to be specified on all PIM routers when a static RP is configured.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 81
Which of the following statements regarding CE dual-homing features is false?

A. The VRFs of two PEs connected to the same CE can belong to different VPNs.
B. In the CE dual-homing networking, loops may occur. You can use route-tag resolve this issue.
C. A CE dual-homing network where a CE is connected to two PEs ensure high network reliability.
D. A CE connects to the backbone network through two links that work in load balancing or primary/secondary mode.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000178425/455e0daa/example-for-configuring-ce-dual-homing

QUESTION 82
Level-1-2 IS can transmit Level-2 LSPs to a level-1 area. If the ATT bit in the Level-2 LSPs is set to 1, the Level-1 IS in the area can communicate with devices in other areas through the Level-1-2 IS.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 83
A network administrator is planning to use an automatic 6to4 tunnel to transmit IPv6 network. If the IPv4 address of the router interface is 138.14.85.210, the corresponding tunnel address should be 2001:8a0e:55d2:1:230:65ff:fe2c:9a6.

A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 84
Which of the following statements is true regarding the domain authentication mode md5 hello command in the IS-IS process?

A. This command enables IS-IS Hello PDUs to carry authentication information.
B. IS-IS SNP and LSP can be flooded normally only when the domain authentication mode and password of all routers in the same routing domain are MD5 and hello.
C. IS-IS authentication cannot be applied to IPv6 environments.

D. Routing domain authentication enables Level-1 and Level-2 SNPs and LSPs to carry authentication information.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85
Which of the following statements regarding OSPFv3 are true?

A. The LSAck packet contains the LSA header information, which is used for acknowledging the receipt of an LSA.
B. The Hello packet must contain interface ID of sending interface.
C. The Option field of Hello and DD packets is extended to 24 bits.
D. The LSR packet contains the complete LSA header information, which is used for request updating LSAs.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 86
Which of the following statements regarding BGP route reflectors (RRs) are true?

A. An RR advertises routes learned from a client to all connected non-clients and clients.
B. A backbone network is divided into multiple reflection clusters. Each RR is configured as a non-client of the other RR, and establishes full-mesh IBGP connections with each other.
C. Cluster_List is an optional non-transitive attribute and is used to prevent loops in a cluster.
D. The Originator_ID attributes is generated by an RR to prevent loops between clusters.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

www.vceplus.com - Free Questions & Answers - Online Courses - Convert VCE to PDF - VCEplus.com

QUESTION 87

When router R1 runs OSPF and they display ip routing-table command is executed on R1 to check the routing table, which of the following statements regarding OSPF information in the routing table is true?

A. In the routing table, the routing entries identified by the O_ASE identifier can be learned only through route import.

B. In the routing table, the routing entries identified by the OSPF identifier can be learned through Type 1/2/3/5 LSAs.

C. A. In the routing table, the routing entries marked OSPF can be learned only through Type 1 LSAs.

D. A. In the routing table, the routing entries identified by the OSPF identifier can be learned only through Type 3 LSAs.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 88

In which scenarios can an AS-Path-filter be used? (Choose three.)

A. apply clause in a route-policy

B. Filtering routes received from BGP peers based on the AS_Path attribute. For example, the peer X.X.X.X as-path-filter import command.

C. if-match clause in a route-policy

D. Filtering routes sent to BGP peers based on the AS_Path attribute. For example, the peer X.X.X.X as-path-filter export command.

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 89

Routers R1 and R2 run BGP. Both the routers reside in AS 65234. Routes of R2 exist in the BGP routing of R1 but do not exist in the IP routing table of R1. What is the cause of this problem?

A. BGP is disabled on both R1 and R2.

B. Multi-hop BGP is disabled on R1.

C. The routes are not optimal.

D. The BGP peer relationship between R1 and R2 is in Down state.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 90
As shown in the figure, in IPv4 and IPv6 environments, the value of the SEL field in the IS-IS NET address is always 00.
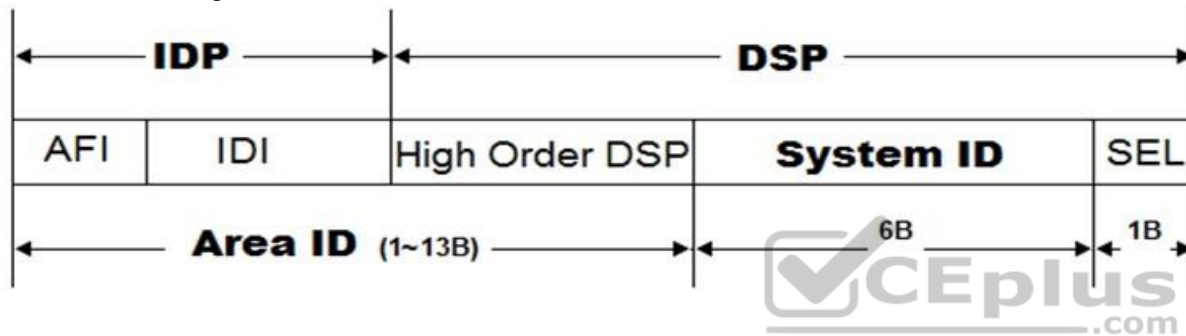
A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 91
Which of the following statements regarding BGP route summarization is true? (Choose two.)

A. Routes in the local BGP routing table can be manually aggregated.
B. After the aggregate ipv4-address mask command is configured, only summary routes are advertised and specific routes are not advertised.
C. By default, automatic BGP route summarization is enabled.
D. BGP supports manual aggregate and automatic summarization of IPv6 routes.

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 92
The IS-IS overload bit is set on R3. Which of the following statements are true? (Choose three.)

R3

GE0/0/0

GE0/0/3

GE0/0/1   GE0/0/2

GE0/0/0   GE0/0/0

R1   **R2**

Isis 1   Isis 1
Network-entity 10.0000.0000.0001.00   Network-entity 10.0000.0000.0002.00
#   #
Inteface GigabitEthernet0/0/0   Inteface GigabitEthernet0/0/0
IP address 100.1.1.1 255.255.255.0   IP address 100.1.1.2 255.255.255.0
Isis enable 1   Isis enable 1
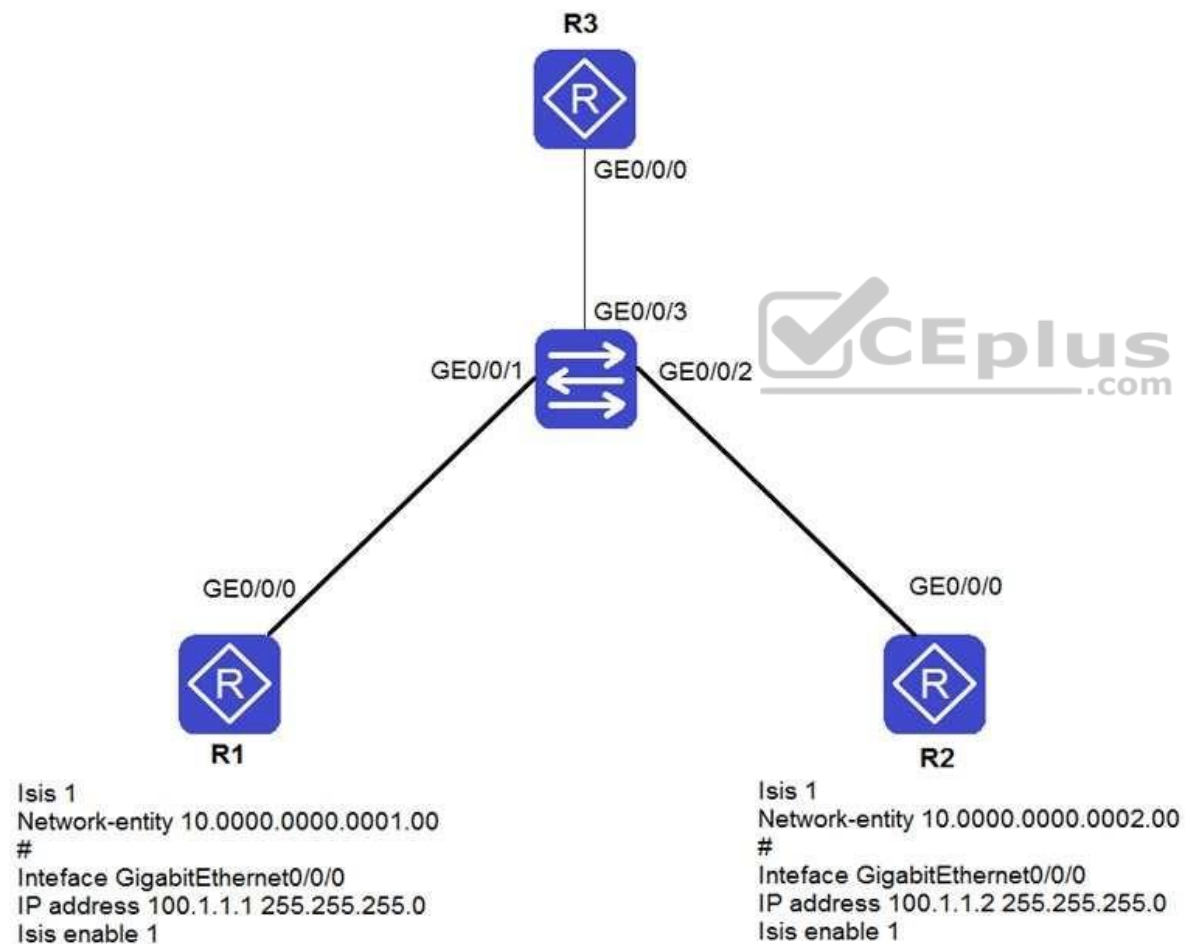
A. Before the timeout of the overload timer on R3, R1 and R2 do not add the LSPs generated by R3 to the SPF tree.
B. The direct route of R3 is ignored by R1 and R2 due to the setting of the overload bit.
C. LSPs of R3 cannot be flooded to R1 and R2.
D. Routes imported to R3 through the import-route command cannot be advertised.
E. When a router is experiencing a memory shortage, the system automatically sets the overload bit in the sent LSPs regardless of whether you have the setoverload command.

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 93
Which of the following statements regarding 802.1s deployment is true?

A. Multiple bridges share a spanning tree instance.
B. Each VLAN owns a spanning tree instance.
C. Multiple VLANs share a spanning tree instance.
D. All VLANs share a spanning tree instance.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 94
Based on the key configurations, as shown in the figure, R1 and R2 establish a Level-2 neighbor relationship. Which of the following statements regarding routing entries on R2 are true?

R1
interface LoopBack0
    ipv6 enable
    ipv6 address 2019::1/64
#
interface LoopBack1
    ipv6 enable
    ipv6 address 2020::1/64
#
interface LoopBack2
    ipv6 enable
    ipv6 address 2021::1/64
#
interface LoopBack3
    ipv6 enable
    ipv6 address 2022::1/64
#
isis 1
ipv6 import-route direct
#

R2
acl ipv6 number 2000
    rule 5 permit source 2019::/64
    rule 10 permit source 2020::/64
    rule 15 deny source 2021::/64
    rule 20 permit
#
isis 1
ipv6 filter-policy 2000 import
#

A. 2020:: /64 will be displayed in the IP routing table.
B. 2021:: /64 will be displayed in the IP routing table.
C. 2019:: /64 will not be displayed in the IP routing table.
D. 2022:: /64 will not be displayed in the IP routing table.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 95
Huawei switches SWA and SWB are connected through seven physical Ethernet links and are configured with static link aggregation. On SWA, the interface and are configured in the following sequence: Ethernet 1/0/1, Ethernet 1/0/2, Ethernet 1/0/3, Ethernet 1/0/4, Ethernet 1/0/5, Ethernet 1/0/6, Ethernet 1/0/7. If only six ports are supported in a LAG on SWA and SWB, which of the following statements is true?

A. If the configurations of different ports are consistent, SWA selects one of the seven ports at random to be the Unselected port of the LAG.
B. If the configurations of different ports are consistent, Ethernet 1/0/6 is the Unselected port of the LAG.
C. If the configurations of different ports are consistent, Ethernet 1/0/7 is the Unselected port of the LAG.
D. If the configurations of different ports are consistent, Ethernet 1/0/1 is the Unselected port of the LAG.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 96
An MSTP switch considers an RSTP switch to be an MSTP region that consists of only one switch and parses RST BPDUs into MST BPDUs, in which IRPC is 0.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 97
You are performing troubleshooting on a LAN and suspect that the error is caused by mismatching working modes.

Which of the following switch interface errors indicate that the working modes of the 10/100/1000 Ethernet interfaces do not match?

A. Alignment error
B. Excessive collisions
C. Undersized frame
D. Late collisions
E. FCS error

Correct Answer: E
Section: (none)
Explanation

Explanation/Reference:

QUESTION 98
The ip ip-prefix ip-prefix-name [index index-number] {permit | deny} ipv4 address mask-length [greater-equal greater-equal-value] [less-equal- less-equal-value] command is used to configure an IP prefix list for route filtering.

If the less-equal parameter of an IP prefix list is specified in this command but the greater-equal parameter is not specified, what is the range of the created IP prefix list?

A. [mask-length, less-equal-value]
B. [less-equal-value, 32]
C. Unlimited
D. [0, less-equal-value]

Correct Answer: B
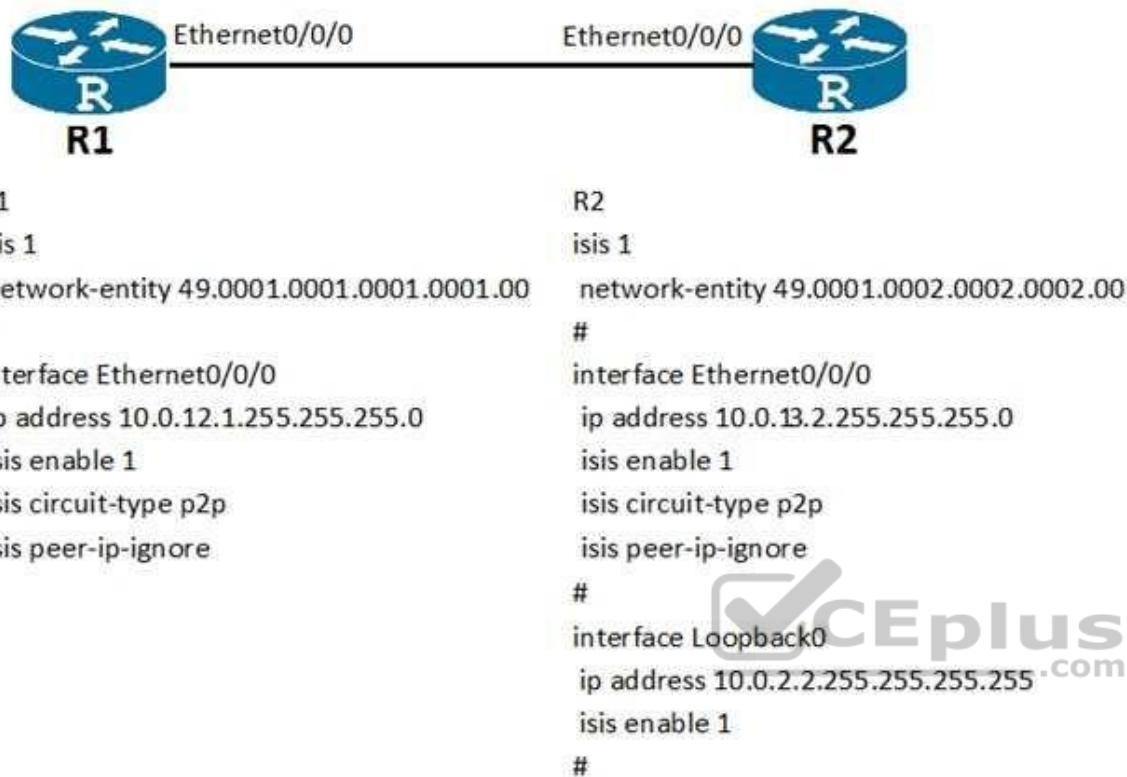**Section: (none)**
Explanation

Explanation/Reference:

QUESTION 99
According to the following scenario, which of the following statements are true?

R1   R2

isis 1   isis 1

 network-entity 49.0001.0001.0001.0001.00   network-entity 49.0001.0002.0002.0002.00

#   #

interface Ethernet0/0/0   interface Ethernet0/0/0

 ip address 10.0.12.1.255.255.255.0   ip address 10.0.13.2.255.255.255.0

 isis enable 1   isis enable 1

 isis circuit-type p2p   isis circuit-type p2p

 isis peer-ip-ignore   isis peer-ip-ignore

#   #

                                                interface Loopback0

                                                 ip address 10.0.2.2.255.255.255.255

                                                 isis enable 1

                                                #

A. R1 and R2 cannot establish a neighbor relationship.

B. R1 has both Level-1 and Level-2 LSDBs.

C. R1 has a route to the IP address 10.0.2.2/32 of loopback0 on R2.

D. R1 can successfully ping the IP address of loopback0 on R2.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
QUESTION 100
Which of the following statements regarding IS-IS GR is true?

A. A new TLV is defined to support IS-IS GR.
B. IS-IS GR is enabled by default.
C. IS-IS GR uses four timers.
D. IS-IS GR uses CSNPs for event notification and neighbor relationship maintenance.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 101
What are the possible causes for an establishment failure of an IBGP peer relationship between two routers?

A. Multi-hop IBGP is not configured.
B. There is no reachable IGP route between the routers.
C. Authentication fails.
D. The BGP protocol versions are different.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 102
The router data is as follows. Which of the following statements is true?

```
[R3]display isis interface

                   Interface information for ISIS(1)
                   ---------------------------------
   Interface    Id       IPV4.State   IPV6.State   MTU     Type     DIS
   Eth0/0/0     001         Up           Up        1497    L1/L2    Yes/No
   Eth0/0/1     002         Down         Up        1497    L1/L2    No/No
   GE0/0/0      003         Down         Up        1497    L1/L2    No/Yes
[R3]display isis peer


                   Peer information for ISIS(1)

   System Id       Interface    Circuit Id          State  Holdtime  Type  PRI
   ---------------------------------------------------------------------------
   0001.0000.000   Eth0/0/0     0003.0000.0000.01   Up     22s       L1    64
   0002.0000.000   Eth0/0/1     0002.0000.0000.01   Up     7a        L1    64
   0004.0000.000   GE0/0/0      0003.0000.0000.03   Up     28s       L2    64
```

A. IS-IS IPv4 and IS-IS IPv6 are enabled on Eth0/0/1 of R3.
B. Ge0/0/0 of R3 and neighbor routers are in different areas.
C. R3 is the Level-1 DIS and Level-2 DIS for the link where Eth0/0/0 resides.
D. The circuit-level of Eth0/0/0/1 on R3 is Level-1-2.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 103
When a Layer 2 switch sends IP packets originating from one VLAN to another, which of the following fields is rewritten?

A. Layer 3 TTL
B. Layer 3 source IP address
C. Layer 3 transport protocol
D. Layer 2 TTL

E. Layer 3 destination IP address
Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 104
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?

A. ::1/128
B. FE80::/10
C. FC00::/7
D. 2000::/3

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 105
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.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 106

Which of the following statements regarding MPLS is false?

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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 107
Network administrators can use CAR technology in traffic policing.

Which of the following technologies can be applied in CAR?

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

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 108
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?

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.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
QUESTION 109

Which packet type is used when BGP EVPN is used to establish VXLAN tunnels?

A. Type 4
B. Type 1
C. Type 2
D. Type 5
E. Type 3

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 110
Inter-device link aggregation implements reliable transmission of data traffic and mutual backup for stack member switches. However, the bandwidth of stack cables between stacked devices is limited. Which of the following methods can be used to improve forwarding efficiency?

A. Configure the system MAC address switchover for the stack
B. Use a stack card to connect the devices to be stacked
C. Enable the function of preferentially forwarding local traffic
D. Enable multi-active detection (MAD) for the stack

Correct Answer: C

Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000074401?section=k004

QUESTION 111
Why does RSTP achieve faster convergence than STP?

A. RSTP convergence is not based on the timer mechanism
B. RSTP has a smaller cost value
C. RSTP has additional port states

D. RSTP has a smaller timer value

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 112
Which of the following statements regarding route-policies are true?

A. If more than one node is defined in a route-policy, the matching mode of at least one node must be permit
B. An advanced ACL can be used in a route-policy to filter routes
C. A route-policy can filter only default routes
D. If the entry permit :: 0 less-equal 128 is defined, all IPv6 routes are permitted

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 113
The OSPFv3 Option field is carried in all LSAs.

A. TRUE
B. FALSE

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 114
Which of the following statements regarding control are true?

A. For node 10, the relationship between if-match community-filter 1 and if-match as-path-filter 1 is "AND."
B. Default OSPF, IS-IS, and BGP routes can be advertised.
C. An AS-Path-filter filters routes based on the AS-Path attribute to affect route selection
D. The import-route BGP command can be used to import IBGP routes

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 115
Both IS-IS and OSPF run on a network as shown in the following figure. Route import is configured on RTB and RTC respectively. All the routers are connected through GE interfaces. Routes to the network segment 2.2.2.2/32 is imported to the OSPF process using the import-route direct command on RTD. The default settings are retained for all the other configurations. Which of the following statements regarding this network is false?
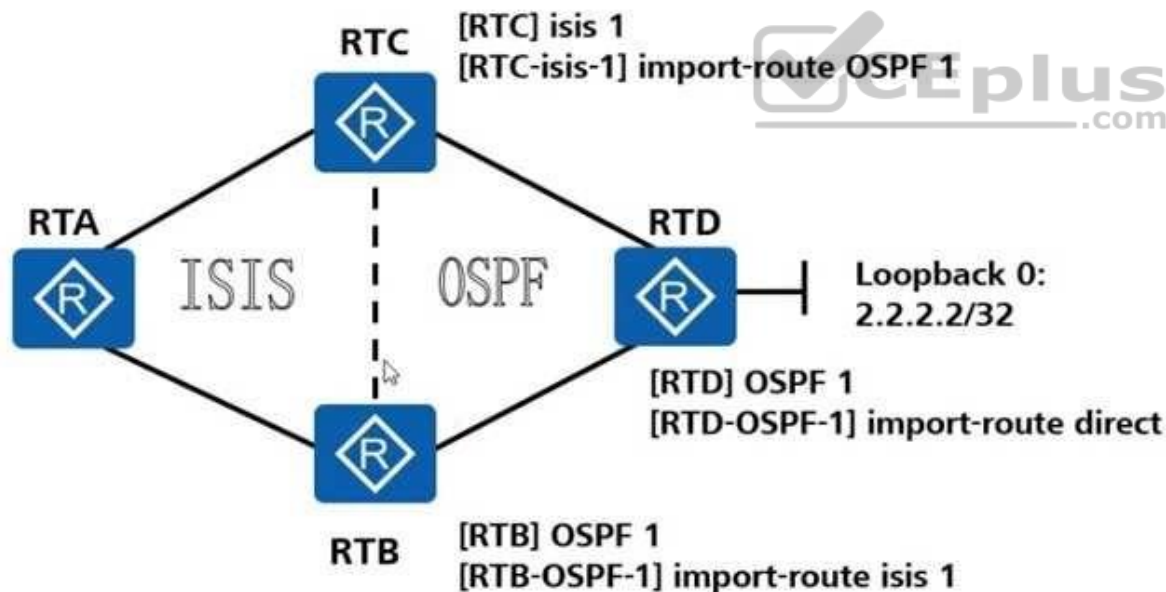
A. The following configuration can be performed on RTC to filter out only routes to the network segment 2.2.2.2/32 when RTC imports routes:
   [RTC] ip ip-prefix 10 index 1 deny 2.0.0.0 8 less-equal 32

[RTC-isis-1]filter-policy ip-prefix 10 import

B. On RTB, adjust the IS-IS preference to 160 to avoid generation of sub-optimal routes on the network

C. The following configuration can be performed on RTC to filter out routes from RTD to the network segment 2.2.2.2/32 when RTC imports OSPF routes: [RTC-acl-basic-2001]rule 5 deny source 2.0.0.0 0.255.255.255
[RTC-acl-basic-2001]rule 10 permit
[RTC-isis-1]filter-policy 2001 import

D. RTB learns that RTA is the next hop of the route to the network segment 2.2.2.2/32

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 116
Policy-Based Routing (PBR) needs to be configured on a router to enable specified traffic to be forwarded through a specified interface. When PBR is used, which two types of information can be specified to enable traffic forwarding along a specific path?

A. Type of Service and bandwidth usage
B. Source IP address and specific protocol (such as FTP and HTTP)
C. TTL and source IP address of packets
D. Source IP address and Layer 2 source address

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 117
In inter-AS VPN Option B mode, two Autonomous System Boundary Routers (ASBRs) need to exchange public network LSP labels once during packet forwarding.

A. TRUE
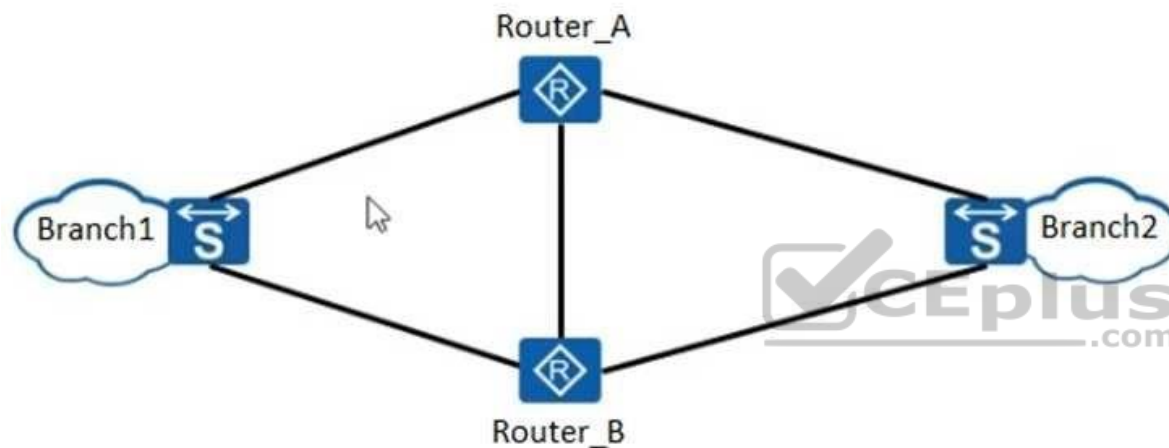B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/my/doc/EDOC1100033725/19aa8610/inter-as-vpn

QUESTION 118
As shown in the figure, the routers load balances the traffic between Branch network 1 and Branch network 2. In this case, URPF in loose mode must be configured on a physical interface to defend against attacks using spoofed source IP addresses.
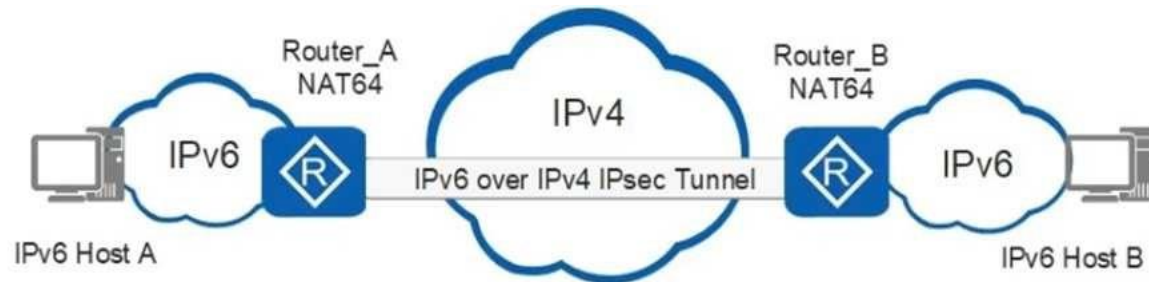

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 119
As shown in the figure, two IPv6 networks need to access the IPv4 network. An IPsec tunnel needs to be established between the two IPv6 networks to enable communication. Which of the following encapsulation modes can meet the preceding requirements?

A. AH+ transmission mode
B. AH+ tunnel mode
C. ESP+ tunnel mode
D. All the preceding options are incorrect

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 120
Which of the following statements regarding 802.1X authentication, RADIUS authentication, and HWTACACS authentication are true?

A. A user cannot be authenticated by both RADIUS authentication and 802.1X authentication.
B. A user cannot be authenticated by both RADIUS authentication and HWTACACS authentication.
C. A user can be authenticated by both RADIUS authentication and HWTACACS authentication. This is more secure than using just one authentication method.
D. Users can access a network through 802.1X authentication, and can be authenticated through RADIUS authentication.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 121

A family user has subscribed to a bandwidth of 10 Mbit/s. To improve user experience, the carrier ensures a rate of 12 Mbit/s during tests. If token bucket technology is used to cope with this requirement, which of the following methods is optimal?

A. cir 10000 cbs 12000 pbs 12000
B. cir 8000 pir 12000
C. cir 10000 pir 12000
D. cir 10000 cbs 10000 pbs 12000

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 122
Which of the following statements regarding VRRP is true?

A. Both VRRPv2 and VRRPv3 support authentication
B. VRRPv3 does not support authentication, whereas VRRPv2 supports authentication
C. The VRRP priority of the master IP address owner is 255. Therefore, the priority can be a value in the range from 0 to 254.
D. VRRPv2 only applies to an IPv4 network, and VRRPv3 applies only to an IPv6 network

Correct Answer: BCD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1000178318/6e22bde4/vrrpv2-and-vrrpv3-advertisement-packets

QUESTION 123
In a BGP EVPN distributed gateway scenario, which of the following packet types is required to implement VM migration?

A. Type 1
B. Type 2
C. Type 3
D. Type 5

E. Type 4
Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/my/doc/EDOC1000180270/5d103d4d/configuring-vxlan-in-distributed-gateway-mode-using-bgp-evpn

QUESTION 124
Which of the following configurations can be used to prevent users from connecting a hub to an access port on a switch allowing multiple device to access

the network? A.

```
[Huawei]interface GigabitEthernet 0/0/1
[Huawei-GigabitEthernet0/0/1]port link-type access
[Huawei-GigabitEthernet0/0/1]port-security enable

[Huawei]interface GigabitEthernet 0/0/1
[Huawei-GigabitEthernet0/0/1]port link-type trunk
[Huawei-GigabitEthernet0/0/1]port trunk allow-pass vlan 10

[Huawei]interface GigabitEthernet 0/0/1
[Huawei-GigabitEthernet0/0/1]port link-type access
[Huawei-GigabitEthernet0/0/1]ipsg enable

[Huawei]interface GigabitEthernet 0/0/1
[Huawei-GigabitEthernet0/0/1]port link-type access
[Huawei-GigabitEthernet0/0/1]port-isolate enable
```

B.

C.

D.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 125
On a LAN running STP (802.1D), which of the following parameters will not be received by a non-root switch from the root switch?

A. Forward delay
B. Hold time
C. MaxAge
D. Hello time
E. Root Path cost

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 126
When a router receives an LSP on a broadcast network or a P2P network enabled with IS-IS, the router needs to send a PSNP to ensure LSDB synchronization.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 127
Which of the following statements regarding OSPFv3 Link-LSAs is true?

A. The Link-LSA contains both the link-local address and all IPv6 prefixes of the interface
B. The Link-LSA contains both the link-local address of the interface and all IPv6 prefixes of the same area on the router
C. The Option field exists in an LSA header rather than the data area of a Link-LSA
D. If the PrefixOptions field of a prefix in the Link-LSA is 0x00, the prefix is not involved in the IPv6 unicast calculation

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
QUESTION 128
Assuming three routers (A, B, and C) uses BGP as the routing protocol. A sends Update packets to B and B sends the Update packets to C. Which of the following attributes meet the following two conditions?
(1) A can select whether to carry this attribute in Update packets.
(2) If B receives an Update packet carrying this attribute, B still advertises the Update packet to C although B cannot identify this attribute. Then, Router C may identify and use this attribute.

A. Multi_Exit_Disc
B. Local_Pref
C. Community
D. Aggregator

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 129
Which of the following statements regarding deploying IS-IS in an IPv6 environment is true?

A. On a broadcast network, the IPv4 DIS priority and IPv6 DIS priority can be set, respectively.
B. If the isis silent command is run on an IS-IS interface, the interface does not send but receives IS-IS packets.
C. On a broadcast network, if each router supports both IPv4 and IPv6, the IPv4 DIS and IPv6 DIS must be the same device.
D. By default, the DIS priority of Level-1 and Level-2 broadcast interfaces is 1.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 130
Which of the following statements regarding MP-BGP is false?

A. The MP_UNREACH_NLRI attribute of Update packets does not contain path information
B. MP_REACH_NLRI and MP_UNREACH_NLRI are optional transitive attributes
C. The complete MP_REACH_NLRI attribute structure contains the address family, next hop, and prefix information
D. MP-BGP can be used to allocate labels

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 131
Which of the following statements regarding OSPFv3 LSAs are true?

A. The Link State ID of an Inter-Area-Prefix-LSA contains prefix information
B. Router-LSAs and Network-LSAs do not contain routing information
C. Inter-Area-Prefix-LSAs contain link-local information
D. When the Referenced Link State Type of an Intra-Area-Prefix-LSA is 2, the Referenced Link State ID contains the interface ID of the DR

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 132

When a Layer 3 switch forwards IP packets between locally attached VLANs, which of the following fields is rewritten?

A. Layer 2 TTL
B. Layer 3 transport protocol
C. Layer 3 destination IP address
D. Layer 3 source IP address
E. Layer 3 TTL

Correct Answer: E
Section: (none)
Explanation
Explanation/Reference:

QUESTION 133
Regular expressions can be used in Community-filter and AS-Path-filter to filter routes.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 134
Which of the following statements regarding an OSPF virtual link is true?

A. A virtual link can be used to solve the problem of a non-continuous Area 0
B. A virtual link uses the IP address of the outbound interface as the link address
C. A virtual link can be established in any area, and the virtual link belongs to the area after it is established D. A virtual link with a cost of 0 is the optimal link

Correct Answer: A
Section: (none)
Explanation

QUESTION 135
A Huawei router is configured to import a route into OSPF on an enterprise network. Which of the following statements about the LSA generated from the imported route are true?

A. The Net Mask field is set to all 0s
B. The Link State ID, and Advertising Router fields can uniquely identify an LSA
C. The Advertising Router field is set to the ASBR's Router ID
D. The Link State ID field is set to the destination network segment address

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 136
The router ISIS interfaces and peers are as follow. Which of the following statements is true?

[R3]display isis interface

Interface information for ISIS(1)

Interface	Id	IPV4.State	IPV6.State	MTU	Type	DIS
Eth0/0/0	001	Up	Up	1497	L1/L2	Yes/No
Eth0/0/1	002	Down	Up	1497	L1/L2	No/No
GE0/0/0	003	Down	Up	1497	L1/L2	No/Yes

[R3]display isis peer

Peer information for ISIS(1)

System Id	Interface	Circuit Id	State	HoldTime	Type	PRI
0001.0000.0000	Eth0/0/0	0003.0000.0000.01	Up	22s	L1	64
0002.0000.0000	Eth0/0/1	0002.0000.0000.01	Up	7s	L1	64
0004.0000.0000	GE0/0/0	0003.0000.0000.03	Up	28s	L2	64

Total Peer(s): 3

A. IS-IS IPv4 and IS-IS IPv6 are enabled on Eth0/0/1 of R3

B. The circuit-level of Eth0/0/1 on R3 is Level-1-2

C. R3 has established a L1 adjacency on GE0/0/0

D. R3 is the Level-1 DIS and Level-2 DIS for the link where Eth0/0/0 resides

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 137
As shown in the following figure, R1 can connect to the Internet through R2 or R3. EBGP connections are set up between R1 and R2 and between R1 and R3. R2 and R3 reside in the same AS and advertise default routes using BGP. Which of the following methods can be used to enable traffic from R1 to the Internet to be preferentially forwarded by R2?
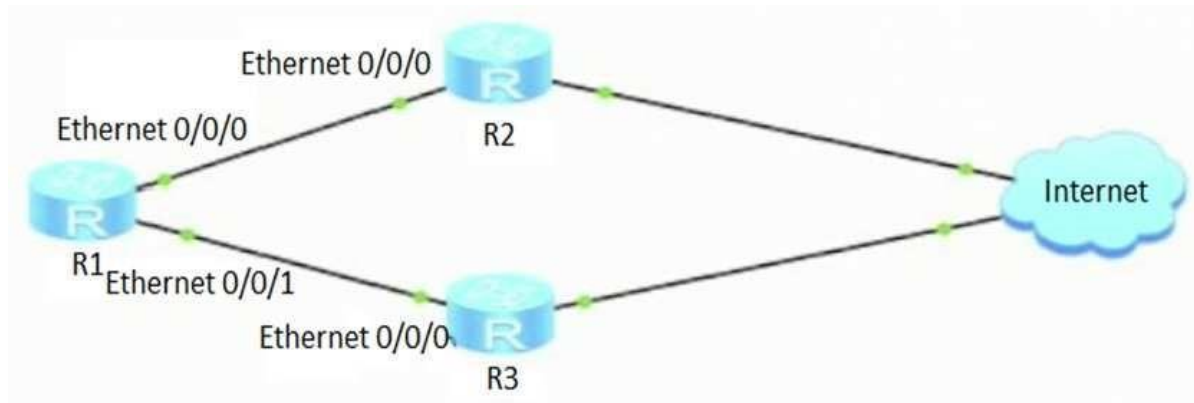
A. On R2, set the Local_Pref value to 150 in the egress direction of R1
B. On R1, set the MED attribute value to 150 in the ingress direction of R3
C. On R1, set the Local_Pref attribute value to 150 in the ingress direction of R2
D. On R2, set the MED attribute value to 150 in the egress direction of R1

Correct Answer: C
Section: (none)
Explanation
Explanation/Reference:

QUESTION 138
Which of the following AS-paths can be matched by the AS-Path filter configured using the ip as-path-filter 1 permit ^12.*74$ command?

A. AS_Path (32 1274 23)
B. AS_Path (125 328 74 23)
C. AS_Path (123 621 743 2374)
D. AS_Path (321 12 2374)

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 139

A Route Distinguisher (RD) is used to distinguish the same IP address in different VPNs. How many bits does an RD contain?

A. 64
B. 128
C. 32
D. 16

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 140

IPSG static binding entries can be configured, or they can be generated when IPSG and DHCP Snooping are used together.

A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 141

To configure AAA, you need to configure a RADIUS server as follows:

[Huawei]radius-server template EXAM
[Huawei-radius-EXAM]radius-server shared-key cipher HUAwei123
[Huawei-radius-EXAM]radius-server authentication 10.7.66.66 1812
[Huawei-radius-EXAM]radius-server authorization 10.7.66.66 1812
[Huawei-radius-EXAM]radius-server accounting 10.7.66.66 1813 [Huawei-radius-EXAM]radius-
server retransmit 2

A. TRUE

B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 142
As shown in the figure, Department A of Branch 1 can access the Internet, and Department B can access headquarters resources only through the encrypted VPN. You can configure a NAT policy on the egress device in Branch 1 to allow Department A to still access the Internet, and configure an IPsec VPN (ESP protocol) in tunnel mode for Department B to allow Department B to access the headquarters.
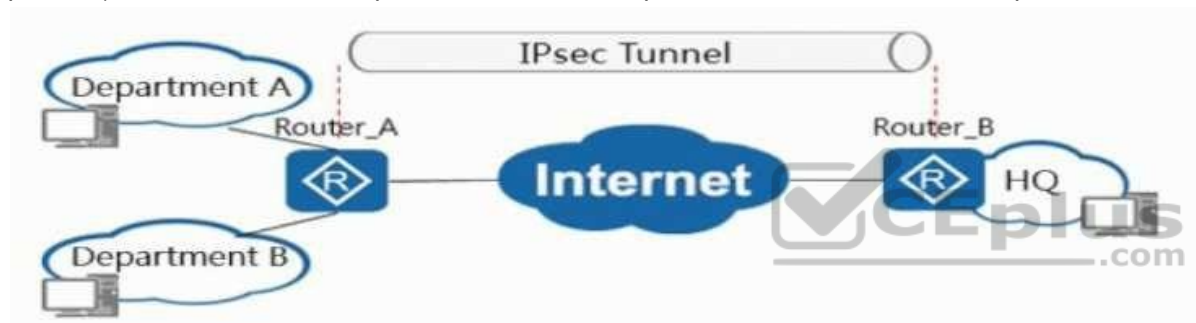
A. TRUE
B. FALSE

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 143
In traffic policing, dual buckets at dual rates are used. The number of tokens in bucket C is TC, and the number of tokens in bucket P is TP. When a packet with a length of B is received, which of the following statements are true?

A. If (TP-B) and (TC-B) are larger than 0, the packet is marked green

B. If (TP-B) is larger than 0 and (TC-B) is smaller than 0, the packet is marked yellow

C. If (TP-B) is larger than 0 and (TC-B) is smaller than 0, the packet is marked green

D. If (TP-B) and (TC-B) are smaller than 0, the packet is marked red

Correct Answer: ABD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1100055046/33f24bb0/token-bucket

QUESTION 144

The DSCP value of VoIP traffic on Huawei network devices needs to be set to EF. According to the RFC about DSCP, which value should EF be set to?

A. 5 in decimal notation

B. 101110 in binary notation

C. 0xEF

D. 36 in decimal notation

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 145

Which of the following statements regarding FTP is true?

A. In FTP passive mode, the client initializes TCP control and data sessions

B. In FTP active mode, the server uses the PORT command to notify the client of the port through which data is transmitted

C. FTP always uses a TCP session to transmit control and data information

D. FTP always uses TCP port 20 to establish a data session and TCP port 21 to establish a control session

E. FTP always uses TCP port 21 to establish a data session and TCP port 20 to establish a control session

Correct Answer: C

Section: (none)
Explanation

Explanation/Reference:

QUESTION 146
Which of the following route types is used to advertise external routes in BGP EVPN?

A. Type 2
B. Type 5
C. Type 1
D. Type 4
E. Type 3

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://support.huawei.com/enterprise/en/doc/EDOC1100023542?section=j01d&topicName=bgp-evpn-route-types

QUESTION 147
Assume R1 and R2 have a valid level-2 ISIS peering for IPv6 and the additional configuration shown is applied. Which of the following statements about routing entries on R2 are true?

R1
interface LoopBack0
  ipv6 enable
  ipv6 address 2019::1/64
#
interface LoopBack1
  ipv6 enable
  ipv6 address 2020::1/64
#
interface LoopBack2
  ipv6 enable
  ipv6 address 2021::1/64
#
interface LoopBack3
  ipv6 enable
  ipv6 address 2022::1/64
#
isis 1
ipv6 import-route direct
#

R2
acl ipv6 number 2000
  rule 5 permit source 2019::/64
  rule 10 permit source 2020::/64
  rule 15 deny source 2021::/64
  rule 20 permit
#
isis 1
ipv6 filter-policy 2000 import
#

A. 2022:: /64 will be displayed in the IPv6 routing table.
B. 2021:: /64 will be displayed in the IPv6 routing table.
C. 2019:: /64 will be displayed in the IPv6 routing table.
D. 2020:: /64 will be displayed in the IPv6 routing table.

Correct Answer: ACD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 148
Which of the following statements regarding MUX VLANs on Huawei switches is true?

A. A MUX VLAN consists of principal VLANs and subordinate VLANs. Subordinate VLANs are classified into separate VLANs and isolated VLANs.
B. A principal port can communicate with all ports in a MUX VLAN.
C. MUX VLANs and super VLANs can be used together in one VLAN.
D. Each separate VLAN can be bound to multiple principal VLANs.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 149
Which of the following route selection tools is unique for BGP?

A. Route-policy
B. IP-prefix
C. ACL
D. AS-Path-filter

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 150

If no default route exists in the local IP routing table, the default-route imported command can be executed to advertise default routes to BGP peers or BGP peer groups.
A. True B.
False

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 151
On a P2P network, CSNPs are not sent during the establishment of an IS-IS neighbor relationship.

A. True
B. False

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 152
IPv6 devices can obtain information such as the interface address, gateway address, and DNS address through DHCPv6.

A. True
B. False

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 153

Which of the following statements regarding features of the inter-AS VPN Option C are true?

A. VPN routes are directly exchanged between the ingress PE and the egress PE, and the routes do not need to be stored or advertised by the intermediate devices.
B. The inter-AS VPN Option C mode is not applicable to scenarios where multiple Ass are spanned.
C. A maximum of two labels are required for packet forwarding.
D. ASBRs do not store VPNv4 routes or advertise VPNv4 routes to each other.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 154
On an MPLS BGP VPN where MPLS Penultimate Hop Popping (PHP) is disabled, when packets arrive at the last-hop PE, packets carry two MPLS labels which can be the same value.

A. True
B. False

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 155
On a multicast network, in which of the following situations can multicast traffic not be forwarded?

A. There are not any RPF route in the router
B. The upstream router discards the received PIM Join message
C. PIM is disabled on the RPF interface
D. On a multi-router egress network, the local router is not a DR

Correct Answer: C

Section: (none)
Explanation

Explanation/Reference:
QUESTION 156
Which of the following statements regarding the EVPN Type5 route is false?

A. The IP prefix field in a Type5 route can carry either the host IP address or the network segment address
B. Type5 route is the IP prefix route
C. A Type5 route carries a Layer 3 VNI
D. A Type5 route carries both Layer 2 and Layer 3 VNIs

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference: