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Exam A

QUESTION 1

The following statement about the Security Alliance SA in IPsec is wrong with ?

- A. SA is uniquely identified by a triple that includes the Security Parameter Index (SPI), the source IP address, and the Security Protocol Number (SPI) used
- B. Use the display ipsec command to view information such as the encryption method used with another IPSEC peer, the traffic of interest, and so on.
- C. IPsec only supports encrypting data using the pair encryption algorithm.
- D. IPsec peers must be at a two-way SA to establish an IPsec VPN connection to close

Correct Answer: A

Section:

QUESTION 2

If there are multiple recipients in a multicast group, the administrator enables the IGMP-Snooping function on the switch connecting the recipient, and when the receiver receives the universal group query packet of the querier from the switch, how should multiple recipients respond?

- A. The first recipient whose response time expires sends the Report message, the other receivers do not.
- B. All recipients will respond to Report messages only if ICMPV2 is running.
- C. All recipients will respond to the Report message only if IGMPv1 is running.
- D. All recipients will respond to the Report message

Correct Answer: D

Section:

QUESTION 3

If you run PIM-SM in a multicast network, you need to build a multicast forwarding tree between the multicast source and the receiver to enable the receiver to receive the multicast effect, so what are the following options for the correct tree sketch for the build?

- A. What is built between the multicast source and the RP is the SPT tree
- B. RP and the receiver is built between the RPT tree
- C. Built between the RPT tree
- D. RP and the swap is the SPT tree

Correct Answer: A, B

Section:

QUESTION 4

Is the following description of the BSR/RP mechanism correct?

- A. PIM-SM domain can have more than one C-BSR, but only one BSR can be elected by the C-BSR that receives the C-RP Packets are collected C-one RP information
- B. BSR advertises BSR and C-RP information to all routers in the PIM-SM domain by flooding Bootstrap packets
- C. A C-BSR can also collect C-RP information by receiving C-RP packets



Correct Answer: A, B, C

Section:

QUESTION 5

What is the following description of LDP reliability?

- A. LDP GR (Graceful Restart) takes advantage of the high difference between the LS forwarding plane and the control plane to realize that the device forwards without interruption when the protocol is restarted or the master-standby is reversed
- B. Manually configured LDP FRR policy defaults to a 32-bit backup route that triggers LDP to establish a backup ISP
- C. The LDP ERR can also generate an ISP for a tag map from a non-optimal next hop, and create a forwarding table entry as a backup of the primary LSP
- D. LDP and LDP linkage, the need for IGP to suppress the release of routes, to ensure that LDP and LDP paths are consistent

Correct Answer: B

Section:

QUESTION 6

RD is used to distinguish the same IP address in different VPNs, how many bits does RD contain ?

(Single choice)

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

Correct Answer: A

Section:



QUESTION 7

Regarding the MPLS handling mode of TTL, is the following description correct?

- A. Pipe mode. When an IP message passes through the MPLS network, the IPTTL minus 1 is mapped to the WLSSTTL field at the incoming node.
- B. The TTL in the B. MPLS label has the same meaning as the TTL field in the head. TTL prevents MPLS networks from developing bad routing.
- C. Uniform style, when an IP packet passes through the MPLS network, the IPTTL of the incoming node is minus 1. The MPLS TTL field is a fixed value.
- D. In MPLSVPI, if you need to hide the structure of the MPLS backbone network, you can use Uniform mode on Ingress for private network messages .

Correct Answer: B

Section:

QUESTION 8

In an MPLS VPN network, different CE devices exchange routing information with the same PE device using different routing protocols, and different CE devices use routing protocols that are independent of each other

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 9

Which of the following options uses an alternate channel to enable communication between IPV6 addresses?

- A. DualStack
- B. 6to4
- C. ISATAP
- D. NAT64

Correct Answer: B, C

Section:

QUESTION 10

If a router only needs to forward IPv6 packets, you do not need to configure any IPv4 agreements and addresses on that router.

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 11

BGP4+ is running between two routers, and the neighbor relationship is normal, but the BGP routing table of the router on this side does not have a neighbor route entry.

- A. The route entry in the peer BGP route table is non-optimal.
- B. The next hop address of the
- C. BGP route entry is unreachable
- D. Peer ignore is configured on the peer
- E. The peer is configured with active-route-advertise



Correct Answer: A, B, D

Section:

QUESTION 12

Which of the following options can affect the establishment of IBGP neighbors?

- A. iBGP-Multi-hop is not configured
- B. Authentication is unsuccessful
- C. IGP routing is not passable
- D. BGP protocol version inconsistencies

Correct Answer: B, C, D

Section:

QUESTION 13

Which of the following tools cannot be referenced directly by the If-match clause in Route-policy?

- A. Regular expression

- B. IP-prefix
- C. AS-path-filter
- D. Community-filt

Correct Answer: A

Section:

QUESTION 14

What information does this contain in a basic layer packet? (Multiple choice)

- A. Data link layer header
- B. Upper-level data
- C. The network layer header
- D. path records
- E. Network Layer Tail

Correct Answer: B, C

Section:

QUESTION 15

The correct description of configuring BGP4+ is that

- A. BGP4+ does not support route reflectors.
- B. The next hop of a B. BGP4 route can use the Link-Local address.
- C. BGP4 configures the reflector, the role positioning of the reflector and the client needs to be consistent with the configuration of BGP4
- D. BGP4 specifies p
- E. BGP4+? Router-ID ? BGP4 ? Router-IDó??

Correct Answer: B, E

Section:

QUESTION 16

A company network runs the OSPF protocol, a project in order to understand the OSPF mechanism in the network to perform packet transfer operations, the following description of ospf messages is correct?

- A. The interface sends a Hello packet immediately after joining the OSPF region
- B. LS update packet is sent only when the adjacency relationship is established
- C. When an LsUpdate packet is received, the router must send an LsAck acknowledgment
- D. LS update packet synchronizes the link state database by sending detailed LSA information 2

Correct Answer: A, D

Section:

QUESTION 17

Regarding the Stub region in the OSPF protocol , the following statement is correct.

- A. ASBR cannot exist in the Stub zone
- B. Virtual connections cannot traverse the Stub region.

- C. Injecting typeT LSA
- D. backbone areas that are not allowed in Stub regions cannot be configured as Stub regions.

Correct Answer: A, B, C, D

Section:

QUESTION 18

The LSA of type certainly does not exist in the 220SPF Stub zone

- A. Type7
- B. Type5
- C. Type4
- D. Type3

Correct Answer: A, B, C

Section:

QUESTION 19

There is an existing router running OSPF connected to Zone 0 and Zone 1 You configured Zone 1 as a stub zone, what classes does LSA that only operates inside Zone 1 include?

- A. 7 ? LSA
- B. 1 ? LSA ? 2 ? LSA
- C. 1 LSA,2 LSA 5 LSA
- D. 3 ? LSA ? 4 ? LSA
- E. 1 LSA,2 LSA 3 LSA

Correct Answer: E

Section:

QUESTION 20

An engineer performed the ingestion operation on an OSPF router in a network of the company, is the following statement about the introduction of the routing LSA correct?

- A. The A. Advertising Router report is set to as the Router ID of ASBR
- B. Net Mask is set to all 0
- C. Link State ID is set as the destination network segment address
- D. Using the Link State ID and Advertising Router, you can uniquely identify an LSA

Correct Answer: A, C

Section:

QUESTION 21

In broadcast networks, elections to DIS begin only after a neighbor relationship has been established

- A. True
- B. False

Correct Answer: A



Section:

QUESTION 22

Which of the following statement about isis protocol route aggregation is correct?

- A. Route aggregation can be configured and takes effect on all types of routers
- B. Route aggregation can only take effect if configured on Leve-1 port routers
- C. Route aggregation can only be configured on Leve-2 routers to take effect
- D. Route aggregation can only be configured on Leve-1-2 routers to take effect with

Correct Answer: A

Section:

QUESTION 23

ISIS does not send CSNP packets under the P2P network type during the neighbor establishment process.

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 24

In OSPFv3 , Router-LSA is generated by each router, which describes the interface address and cost of each link of the router, and also includes the RouterID of the neighbor router

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 25

Is the following GR description of ISIS correct?

- A. The GR feature of AISIS is turned on by default.
- B. ISIS's GR has a total of four timers.
- C. ISIS's GR notifies of events and maintains neighbor relationships through CSNP messages.
- D. ISIS's GR defines a new TLV structure to support this feature.

Correct Answer: D

Section:

QUESTION 26

Both the CSNP packet of ISIS and the DD packet of OSPF have a role in the MA network, describing the role of the link state database summary, which is correct compared to the following statements of these two types of messages

- A. Both packets need to be confirmed to the terminal router after being sent, otherwise they need to be retransmitted

- B. Once the adjacency relationship is established, the CSRP packet and the D message will stop sending
- C. The two packets do not need to be confirmed to the router after they are sent the master-slave relationship in the DD message interaction of
- D. OSPF is not identity bound to dr/BDR; the CSN message is generated only by DIS

Correct Answer: D

Section:

QUESTION 27

Regarding route introduction, what is the following description of the error?

- A. BGP supports both import and network when generating routes, and the network mode is more precise.
- B. By default, OSPF introduces an external route with a default metric of 1, and the level-2 network of the ingested external route type type, Type2
- C. ISIS, routes to Level After the 1 makes a route ingestion, if you do not manually configure the ingestion policy, a bad route will be formed.
- D. Introducing IBGP routing in OSPF may cause routing loops

Correct Answer: C

Section:

QUESTION 28

The following description of the RD attribute filter for BGP is correct?

- A. If RD-filter is not configured, but the RD-filter is referenced for filtering, the matching result is deny.
- B. If RD-filter is configured, but the routed RD is not matched with any of the RDs defined in the rule, the default match result is permit.
- C. Multiple rules are matched in the order in which they are configured.
- D. There is always an "or" relationship between the rules configured by RD-filter.

Correct Answer: C, D

Section:

QUESTION 29

The following description of the Lsp shard extension for ISIS is correct?

- A. Enables is routers to generate more LSP shards to carry more ISIS information.
- B. Isis' shard extension is equally valid for Hello packets.
- C. Shard scaling for ISIS is achieved by adding virtual systems, up to 1000 virtual systems.
- D. The isis router can produce a maximum of 1024 shards.

Correct Answer: A

Section:

QUESTION 30

?? Route ? Policy ??:
ip community-filter lpermit 100: 1 ip as-path-filter 2 permit ^100\$
route-policy test permit node 10 if-match communityfilter 1 if-match as-path-filter 2 apply as-path 200
Is the above configuration description correct?

- A. The BGP route matches the above only if the BGP route carries a community attribute value of 100:1 or if the AS PATH is 100 route one policy. The AS-one PATH attribute that matches the route is changed to 200
- B. The BGP route matches the above only if the BGP route carries a community attribute value of 100:1 and the AS-One PATH is 100 route policy? The AS-PATH nature of the matching route is changed to 200
- C. Only if the BGP route carries an AS-PATH of 100, the BGP route matches the route one policy above. The AS-one PATH attribute that matches the route is changed to 200

D. As long as the BGP route carries a community attribute value of 100:1, the BGP route matches the route-policy above The AS-PATH attribute of the matching route is changed to 200

Correct Answer: B

Section:

QUESTION 31

When DLDAP detects the presence of a one-way link in the fiber, the default actions of Huawei equipment include: the DLDAP state machine migrates to the Disable state, outputs Trap information, and automatically sets the interface to a blocked state.

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 32

What are the main reasons why RSTP converges faster than STP?

- A. RSTP increases the variety of port states
- B. RSTP has a smaller overhead
- C. RSTP does not converge based on timer
- D. RSTP has a smaller timer

Correct Answer: C

Section:



QUESTION 33

The following description of the characteristics of cross-domain VN-Optionc is correct?

- A. A maximum of two layers of tags need to be used in the message forwarding process.
- B. VPMV4 routes are not saved on the ASBR, and VPNv routes are not advertised to each other.
- C. VPN routes are exchanged directly between the ingress PE and egress PE and do not require an intermediate device to secure a circular VPN route.
- D. Cross-domain VN-Optionc, which is not suitable for use when spanning multiple AS.

Correct Answer: B, C

Section:

QUESTION 34

What is the following description of MPLS incorrect?

- A. The length of the MPLS tag is 20 to 20 for packet forwarding.
- B. The tag space range of dynamic signaling protocols such as LDP, M P-BGP is 16 to 1023
- C. When using the TTL processing method of Pipe mode, the IP packet transmits the TTL of the IP packet over the IPLS network. The value is only minus 1 for the MPLS in and out nodes.
- D. MPLS supports multi-layer label nesting, and the S bit value of the innermost label is 1.

Correct Answer: B

Section:

QUESTION 35

What of the following actions can enable fast failure detection on multicast networks?

- A. Shorten the Holdtime of Join/Prune messages
- B. Reduce the interval at which the interface sends Hello messages
- C. A PIM BFD session is established between neighbors
- D. Reduce the interval between sending Join/Prune messages

Correct Answer: B

Section:

QUESTION 36

If the PIM-SM protocol is running in a multicast network , you need to configure RP, and the configuration equation of RP is divided into dynamic RP and static RP. The following configuration description of the RP is correct (radio).

- A. When you configure Dynamic RP , you need to configure BSR as a backup of the RP.
- B. When you configure a static RP , you need to configure the BSR to advertise the RP information.
- C. When configuring a static RP, you need to specify the information for the RP on all PIM routers.
- D. When you configure Dynamic RP, you do not need to configure BSR.

Correct Answer: C

Section:

QUESTION 37

What is the following correct for the process of registering the source-side DR with RP in PIM-SM?

- A. Encapsulated in the registered message is multicast service data
- B. RP sends a registration stop message as soon as it receives the registration message.
- C. Registered messages are used to build the RPT tree between source DR and RP
- D. Registered packets are multicast packets.

Correct Answer: A

Section:

QUESTION 38

In a multicast network, what causes multicast traffic to not forward properly?

- A. The router does not have an RPF route
- B. PIM is not enabled on the RPF interface
- C. The upstream router will receive the PIM Join message dropped
- D. Multi-router egress network, this router is not DR

Correct Answer: A, B, C

Section:

QUESTION 39

IPSGs can statically configure binding tables or form binding tables by using them with DHCP Snooping



- A. True
- B. False

Correct Answer: A

Section:

QUESTION 40

Which of the following are single-packet attacks?

- A. Special control message attacks
- B. Scan Probe Attack
- C. DDos Attack
- D. Malformed Message Attack

Correct Answer: A, B, D

Section:

QUESTION 41

What is wrong with the following statement about digital certificates?

- A. Digital signatures guarantee the integrity of digital certificates.
- B. Digital certificates contain public key information.
- C. Authentication fails when the peer certificate is received within the validity period, but the device itself is in the wrong time if it is not within the validity period of the certificate.
- D. Even if two PRI entities are not in the same CA system, authentication can be completed as long as both parties can recognize each other's CA.

Correct Answer: D

Section:

QUESTION 42

What is the relationship between CIR, BC and TC? (single select)

- A. $CIR=TC/BC$
- B. $CIR=BE/TC$
- C. $TC=CIR/BC$
- D. $TC=BC/CIR$

Correct Answer: D

Section:

QUESTION 43

WRED is configured on the newly deployed router HW. What is the correct description of the WRED features below? (Multiple choice questions).

- A. WRED can set different drop thresholds and packet loss rates for packets of different priority
- B. When the flow exceeds the minimum threshold, WRED begins to discard all inlet flow (tail drop)
- C. Avoid global synchronization by selectively dropping multiple TCP streams
- D. Low-bandwidth traffic is easier to drop than high-bandwidth traffic

Correct Answer: A, C

Section:

QUESTION 44

Regarding the FTP protocol, is it correct in the description below?

- A. In ftP-style, the client completes the initialization of the TCP session for control and data
- B. In ftP Activee, the server side tells the client which port it expects to send data on by commanding "PORT"
- C. FTP always uses a TCP session to transmit control information and data information
- D. FTP always uses the TCP port to establish a data session and ICP 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: A

Section:

QUESTION 45

If a Huawei switch runs the RSTP protocol, when will the BPDUs on a port on the switch be aged?

- A. On the interface, RSTP does not age BPDU
- B. After more than 6 seconds
- C. After Ma ge times out
- D. After Hello time times out
- E. after the Forward Delay timeout

Correct Answer: C

Section:

QUESTION 46

In the use of the CP protocol, the following description is correct?

- A. The Eth-Trunk interface can be avoided by frequent oscillation interfaceethtrunkllacppreemptenablelacppreemptdelaydelay- time by following command
- B. Source A address can be configured for load sharing in an enabled link aggregation group with the following command: interface eth-trunk 110ad-balance src-dst-ip
- C. A member interface can be removed from an enabled link aggregation group with the following command: interface GigabitEthernet0/0/1 shutdown interface GigabitEthernet0/0/1 undo eth-trunk 1 interfaceGigabitEthernet0/0/1undoshutdown
- D. The member interface can be joined in the link aggregation group by enabling the following command: interface GigabitEthernet0/0/1 shutdown interface GigabitEthernet0/0/1 trunkport

Correct Answer: A

Section:

QUESTION 47

Which of the following are used in Ethernet?

- A. A MAC address in a non-canonical format
- B. CSMA/CD in multiplexed interviews
- C. Mac address in canonical format
- D. 8025 encapsulated frames



E. 8023 Encapsulated Frame

Correct Answer: B, C, E

Section:

QUESTION 48

In RSTP , which port provides a backup path to reach the root node of the spanning tree? What state is the port in?

- A. Root Port and Listening Status
- B. Alternate Port and Forwarding Status
- C. Alternate Port and Learning Status
- D. Designated port and Listening status
- E. Alternate port and Discarding status

Correct Answer: E

Section:

QUESTION 49

ISIS protocol In broadcast networks and P2P networks, when the router receives LSP, it needs to use PSNP to confirm and ensure the synchronization of LSDB

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 50

The following statement about isis protocol LSP messages is correct

- A. The isP rapid diffusion feature, which first diffuses out LSPs that are smaller than a specified number , speeding up the synchronization process of LSDB
- B. By configuring an LSP-generated smart timer, the timer automatically adjusts the delay time based on the frequency at which the routing information changes
- C. As link status information increases, the packet length of the LSP can be increased so that each ISP can carry more information.
- D. Reducing the minimum interval at which LSPs are sent per port can speed up the diffusion of LSPs.

Correct Answer: A, B, C, D

Section:

QUESTION 51

Router R1 and Router R2 run BGP. Both routers are in the AS65234 The route for router R2 exists in the BGP routing table of the router R1, but not in the IP routing table of the router R1 . So what causes the problem to occur?

(Single Choice Questions).

- A. Synchronization is turned off
- B. The B. BGP neighbor relationship is Down
- C. Router R1 does not enable BGP Multi-hop
- D. Routing is not optimal



Correct Answer: D

Section:

QUESTION 52

Regarding the OSPFv3 protocol, what is the error described below?

- A. Under the sukugan of a shared router, each OSPFv3 process runs independently
- B. Multiple instances can be run in the same OSPFv3 under the same interface
- C. Can support running multiple instances on a single link
- D. OSPFv3 message header will contain instance IDFu Duan flogging

Correct Answer: B

Section:

QUESTION 53

The following is the correct statement about the LSA of OSPFv3?

- A. Inter-AreaPrefix-SA's LinkStateID contains the prefix
- B. Router-LSA and Network-LSA does not contain routing information
- C. When the Intra-AreaPrefixLSA's ReferencedLinkStateType-2, referencedLinkStateID contains the interface to DR ID
- D. Inter-AreaPrefirLSA also contains LinkLocal information file

Correct Answer: B, C

Section:

QUESTION 54

Router HW enables OSPF and router HW has the role of ABR and is configured with abr-summary, then which class LSA Will it be aggregated?

- A. 1 Class LSA
- B. 2 kind LSA
- C. 3 kind LSA
- D. 4 kind LSA
- E. 5 Class LSA

Correct Answer: A, B

Section:

QUESTION 55

In Huawei devices, when SIS introduces external routes and sets external route tags for route information, the Metric type of ISIS does not need to be modified and remains default.

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 56



There is an existing router interface serial 0 in OSPF area 1 , well will interface Serial 0 is set to silent interface. So what is the impact of this setting?

- A. OSPF establishes usable adjacencies through this junction
- B. OSPF does not join the routes learned from the connector to the local routing table
- C. OSPF does not establish any adjacency relationships through the junction
- D. OSPF receives a route update answer from the neighbor.

Correct Answer: C

Section:

QUESTION 57

The Option field in OSPFv3 appears in all LSAs

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 58

Is the following information about BGP4+ described correctly?

- A. BGP4 can use dampening commands to suppress oscillations on IBGP routes.
- B. Modifying the RouterID of BGP causes the BGP connection between routers to be re-established.
- C. The Next Hop attribute in BGP4+ is represented by an IPv6 address, which can be the link-local address of the next hop.
- D. BGP4+ does not support route auto-aggregate

Correct Answer: A, B

Section:

QUESTION 59

Is the following description of ospf virtual links correct?

- A. A virtual connection can be established in any area, after which it itself belongs to the region
- B. The virtual connection ip is used as the link address
- C. Virtual links can be used to solve the problem of zone 0 being segmented
- D. The cost of a virtual connection is zero and is the optimal link

Correct Answer: C

Section:

QUESTION 60

What kind of scenario can use AS one path and one filter?

- A. Filter routes received from BGP neighbors based on the AS PATH attribute that the route carries.
For example, the command peer x.X.x.x as path-filter import
- B. The apply clause in Routepolicy

- C. Filter routes sent to BGP neighbors based on the AS PATH attribute that the route carries. For example, the command peerx. X.x.x as path-filter export
- D. If-natch clause answer in Route-policy.

Correct Answer: A, C, D

Section:

QUESTION 61

Without dividing the zone, is the following description of the link state routing protocol correct?

- A. Each router establishes a topology for the entire floodplain
- B. Each router learns route entries directly from the route update and adds them to the routing table
- C. Routers in the flood domain may receive the same link state information repeatedly
- D. Routers throughout the flood domain have the same database of wrong-state states
- E. The router will send all the mis-routing status information from one neighbor to all other neighbors to ensure the synchronization of the database

Correct Answer: A, C, D

Section:

QUESTION 62

If the OSPF protocol is running in the network, after configuring the non-backbone area in the OSPF area as the Totally Stub region, the ABR router sends a message to Totally. The Stub region issues an LSA with an LS ID of 0000, and what type of LSA is the LSA to?

- A. LSA5
- B. LSA2
- C. LSA1
- D. LSA3



Correct Answer: D

Section:

QUESTION 63

If an administrator wants to manage certain routes on the router during operations, the following tools are listed below. These routes can be flagged so that administrators can configure policies

- A. If the BGP protocol is running, the route is marked with the community attribute
- B. Use ACLs to tag routes on the router.
- C. Use the Tag value to mark the route on the router.
- D. Use ipprefix to tag routes on the router.

Correct Answer: A, C

Section:

QUESTION 64

An existing router running BGP, HW1, has both IBGP neighbors and EBGP neighbors configured on the router. Are the IP Neighbors and EBGP Neighbors described below correctly?

- A. The router will be connected directly from its EBGP IBGP neighbor, otherwise, IBGP-Multi-hop must be configured
- B. The router sends BGP updates learned from its EBGP neighbors to its other IBGP neighbors and EBGP neighbors
- C. IBGP neighbors can establish neighbor relationships through Loopback engagements

- D. The router sends BGP updates learned from its IBGP neighbors to its other IBGP neighbors and EPGP neighbors
- E. EBGP neighbors must be directly connected, otherwise, EBGP-Multi-hop must configure

Correct Answer: B, C, E

Section:

QUESTION 65

The following message about OSPFV3 is correct?

- A. The Option field of the Hello and DD packets extends to 24-bit
- B. LSR packets containing the full LSA header information for requesting an update to the LSA
- C. The LSACK message contains LSA header information to confirm receipt of the LSU message
- D. The Hello message must contain the interface ID of the sending interface

Correct Answer: A, C, D

Section:

QUESTION 66

When configuring ISIS zone authentication, which ISIS message will carry the authentication letter? (Single choice questions).

- A. ISIS ?Level-1 ?SNP ?LSP?
- B. ISIS ?Level-2 ?SNP ?LSP?
- C. Hello message of ISIS's Level-1.
- D. Hello message of ISIS's Level-2

Correct Answer: A

Section:

QUESTION 67

ISIS elects DIS in broadcast multiplexed access networks, and the following statement about DIS is correct?(Multiple choice)

- A. ISIS elects dis by comparing priorities, and mac addresses if the priorities are consistent
- B. In a broadcast multiple access network, DIS sends Hello PDUs at three times the frequency
- C. DIS guarantees database synchronization by periodically sending CSNP messages
- D. DIS supports preemption function, after the new DIS preemption is successful, there is no need to flood any LSP packet

Correct Answer: A, B, C

Section:

QUESTION 68

The following is an error in the OSPF routing calculation (single choice).

- A. Compared to the PRC algorithm, the ISPF algorithm only calculates the changed leaf nodes when the route changes PRC algorithm to recalculate routes
- B. When the first and second class LSAs on the network change, OSPF uses the ISPF algorithm to recalculate the routes The
- C. OSPF router uses the FULL SPF algorithm to calculate all nodes in the network when initially calculating routes

Correct Answer: A



Section:

QUESTION 69

Level-1-2IS transmits Level-2LSP to the Level-1 area if the AT location 1 in Level-2LSP is delivered It means that the Level-1IS in the area can be accessed to the outer area through Level-1-2IIS

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 70

The correct description about the BGP reflector is ?(Multiple choice questions).

- A. IBGP neighbor relationships need to be fully interconnected without a route reflector. The introduction of route reflectors can reduce the need for full interconnection
- B. The route reflector can advertise routes learned from non-clients to all clients
- C. The route reflector can advertise routes learned from one client to other clients and non-clients
- D. The route reflector can advertise routes learned from IBGP neighbors to all clients and non-client

Correct Answer: A, B, C

Section:

QUESTION 71

A router receives a BGP route with the community attribute NO-Export , how will the router handle the BGP route?

- A. Drop the route directly.
- B. No more advertising to other BGP routers.
- C. Advertise only to IBGP neighbors.
- D. The route is advertised normally, but the route is not used to forward data.

Correct Answer: C

Section:

QUESTION 72

You want to set the DSCP value of VoIP traffic in HW network devices to EF. According to the differentiated service model RFC, traffic token EF should be set to:

- A. DSCP is set to decimal 36
- B. IP ToS is set to OXEF
- C. IP Experimental ECN
- D. DSCP is set to decimal 5
- E. Bitstream 101110

Correct Answer: E

Section:

QUESTION 73

You are now troubleshooting a LAN, and you suspect that the error is due to a mismatch in the work mode. Which switch interface error indicates that the 10/100/1000 IEE gigabit interface operating mode does not match?{

Multiple choice questions).

- A. Alignment error
- B. FCS error
- C. Super Small Frame
- D. Excess Conflict
- E. Lag conflicts

Correct Answer: A, B, C, D, E

Section:

QUESTION 74

The HW appliance network administrator plans to migrate IGMPv2 in the multicast network to IGMPv3 Where does IGMPv3 improve over IGMPv2?

- A. IGMPv3 adds the ability for hosts to specify multicast groups that do not join a specific multicast source
- B. IGMPv3 adds the ability for hosts to specify multicast groups that are joined to a specific multicast source
- C. IGMPv3 adds Request-to-send and Clear-to-send between source and local IGMP queries
- D. IGMPv3 removes the Report-suppression feature for membership reporting
- E. IGMPv3 removes the ability to include all sources in a wildcard group

Correct Answer: A, B, D

Section:

QUESTION 75

The multicast IP address is 2291301301, and its corresponding MAC address is :(Multilist)

- A. 01-00-5E-02-82-01
- B. 01-00-5E-82-82-01
- C. 00-00-5E-02-82-01
- D. 00-00-5E-82-82-01

Correct Answer: A

Section:

QUESTION 76

What does RT do in MPLS VPN? Multiple choice questions).

- A. Allows the peer PE to decide which VPNv4 routes to import into a particular VRF
- B. Allows peer PE to decide which VPNv4 routes not to import into a particular VRF
- C. Allows the peer CE to decide which VPNv4 routes to import into a particular VRF
- D. Allows the peer CE to decide which VPNv4 routes not to import into a particular VRF

Correct Answer: A, B

Section:

QUESTION 77

The network administrator is ready to use the 6to4 automatic tunnel to carry IPv6 data on the IPv4 network, and the IPv4 address of the router interface is 1381485210, so the corresponding tunnel address is



2001:8a0e:55d2:1:230:65ff:fe2:9a6?

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 78

The following description of the process of sending and receiving data frames in switch interface Access mode is correct? (Single choice questions).

- A. In Access mode, labeled data frames are discarded directly when they are received.
- B. Access mode strips off the VLAN tag of the dataton when sending .
- C. Access mode receives only unlabeled data frames.
- D. When a data frame enters the switch interface, the switch learns the destination MAC address in the data frame.

Correct Answer: B

Section:

QUESTION 79

What is the wrong description of the function of OSPFv3 protocol authentication?

- A. OSPFv3 can only establish a security alliance SA using manual mode
- B. Huawei router OSPFv3 IPsec authentication can not only support transmission mode, but also support tunnel mode
- C. OSPFv3 authentication relies on IPv6 packet authentication headers and encapsulation security net load headers
- D. The OSPFv3 protocol header removes the Type and Automation fields

Correct Answer: B

Section:

QUESTION 80

The OSPF3 protocol is a separately developed protocol that differs somewhat from OSPF2 in that OSPFv3 is link-based rather than network segmented, and the following statement is incorrect?(). Single choice questions).

- A. Two OSPF routers connected to the link can establish a neighbor relationship even if their IPv6 address prefixes are different
- B. The routing information obtained by the B. OSPFv3 router from the neighbor uses the neighbor's Link-Local address as the next hop in the forwarded packet
- C. For two OSPF routers connected to the link, you can establish a neighbor relationship even if you do not configure a unicast IPv6 address
- D. All OSPFv3 interfaces use the Link-Local address as the destination address of the message

Correct Answer: D

Section:

QUESTION 81

In order to reduce the number of OSPF routes in some unscheduled areas, the OSPF protocol has developed special area functions, and the following characteristic description of ospf special areas is correct?(Single choice questions).

- A. ASBR-Sunmary-LSA is allowed to be published to NSSA regions

- B. AS-External-LSA is allowed to be published to Stub regions
- C. Any OSPF zone can be configured as a special zone
- D. Special area routers cannot establish OSPF neighbor relationships with regular area routers

Correct Answer: D

Section:

QUESTION 82

There is an existing network of router R1, router R, router R3, and router R4. The 4 routers are interconnected via an LN network. All 4 routers are equipped with basic OSPF. When you execute the command "display ospf" on router R2, the peer is router R3. The status between R2 and R3 is "2-way". So what conclusions can you draw from this output? (Multiple choice questions).

- A. Router R2 is not a DR
- B. Router R3 is not a DR, nor is it a BDR
- C. There is no full adjacency between router R2 and router R3
- D. Router R4 is destined for DR
- E. Router R2 is DR or BDR

Correct Answer: A, B, C

Section:

QUESTION 83

The following description of BGP load sharing is wrong with ? (Multiple choice question)

- A. The AS_Path properties of the equivalent routes that form load sharing must be different.
- B. The destination CIDR blocks are the same, and load sharing can be formed between BGP routes with different sources.
- C. If BGP load sharing is implemented, the local device needs to configure the peer next-hop-local command to change the next hop address to its own address when issuing a route to an IBGP peer group.
- D. IBGP routes and EBGP routes that reach the same destination in the public network can form a load sharing.

Correct Answer: A, B, C, D

Section:

QUESTION 84

If you delete a declared route entry on a BGP router, the BGP routing ring is triggered to send an Update message for route scattering, which carries the accepted mandatory attribute of the route entry that was discarded.

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 85

The following statement about OSPF route filtering is incorrect. (Single choice questions).

- A. In the NSSA area, filtering for external route ingestion and advertisement can be configured on ASBR or ABR
- B. Filtering for the three types of LSAs needs to be configured on the ABR across OSPF regions
- C. Interface-based filtering of LSAs allows all LSAs in the inbound and outbound directions except grace LSAs
- D. Based on the link state database, when calculating routes, the filter-policy import command is used, which only affects the route addition in the route table, and has no effect on the OSPF link state database

Correct Answer: C

Section:

QUESTION 86

Regarding the Stub region and the Totally Stub region of the OSPF protocol, the following statement is correct (multiple choice)

- A. After modifying the original Stub area to a Totally Stub area, the number of LSAs in the LSDB of each router in the region will definitely be reduced
- B. ASBR cannot be present in either the Stub zone or the Totally Stub zone
- C. When you modify the original Stub area to a Totally Stub region, the number of LSAs propagating within the region will definitely decrease
- D. If there are two ABR in the Totally Stub zone, each ABR sends an LS ID of 0000 to the router in the zone LSA

Correct Answer: B, D

Section:

QUESTION 87

When there are multiple rule rules for ACLs in VRP, which of the following statements is true regarding the order of matching? (Single choice questions).

- A. By default, matching is based on the principle of "depth first"
- B. By default, matching occurs in the order in which the permit is matched first and deny later.
- C. By default, matching is made from smallest to largest according to the Rule-ID.
- D. There is only one matching order and cannot be modified.

Correct Answer: C

Section:

QUESTION 88

Which of the following is incorrect about HTTPS?(Multiple Choice)

- A. HTTPS secures access to data by using SSLVPN.
- B. If the HTTPS traffic contains a virus, the router cannot detect the virus directly using IPStechnology
- C. When using HTTPS to access a website, the website cannot be accessed if the user's browser doesnot recognize the website's digital certificate.
- D. HTTPS protocol uses TCP port 443 by default

Correct Answer: C

Section:

QUESTION 89

What are the differences between traffic policing and traffic shaping?

- A. Traffic shaping is applied in the inlet direction and traffic supervision is applied in the outlet direction
- B. For traffic shaping, the router caches excess packets until bandwidth is available again
- C. The token bucket algorithm is used for traffic supervision, and the SPD algorithm is used for traffic shaping
- D. For traffic policing, the usage of the buffer can be adjusted for traffic exceeding the CIR
- E. For traffic shaping, it can be over-CIR Traffic adjustment for the usage of the buffer

Correct Answer: B, E

Section:



QUESTION 90

The following description of VRRP load sharing is correct?(Multiple choice questions).

- A. When configuring priority, make sure that the same router acts as a master in the three VRRP backup groups
- B. You can create multiple VRRP backup groups on one interface of a router . The router can act as a master for one VRRP backup group and as a backup for other VRRP backup groups
- C. When you deploy load sharing, hosts in the same LAN are required to configure the IP addresses of different virtual routers as gateway addresses for missing provinces
- D. VRRP load sharing requires at least two virtual routers to provide forwarding services at the same time

Correct Answer: B, C, D

Section:

QUESTION 91

VrRP priority is not configured as 0, devices that issue VRRP priority of 0 stop participating in the VRRP backup group, notifying the backup device to become a laster device as soon as possible without having to wait until the Master_Down_Interval timer times out

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 92

The following statement about EVPN Type5 routing is wrong?(Single choice questions).

- A. Type5 routes carry Layer 3 VNI.
- B. Type5 routing carries both Layer 2 VWI and Layer 3 VNI
- C. The IP Prefix field can carry both host and network segment addresses.
- D. Type5 is an IP prefix route.

Correct Answer: B

Section:

QUESTION 93

XLAN uses BGP EVPN to establish a tunnel, what type of message is used? (Single choice questions).

- A. Type1
- B. Type2
- C. Type3
- D. Type4E. Type5

Correct Answer: C

Section:

QUESTION 94

Which levels are common in the OSI reference model and the ICP/IP model? (Multiple choice question)

- A. Session layer



- B. Data link layer
- C. Transmission layer
- D. Presentation Layer
- E. Physical Layer
- F. Application Layer

Correct Answer: C, F

Section:

QUESTION 95

A home user has opened a 1Mb/s bandwidth, and in order to improve the user experience, the operator can stabilize 2Mb/s when measuring speed. If we use the listening bucket technology to achieve this requirement, which of the following methods is optimal.

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

Correct Answer: A

Section:

QUESTION 96

If you need to use the default-route import command if no default route exists in the local IP routing table, a default route is issued to the BGP peer (group).

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 97

Regarding the sliding window of TCP, what are the following descriptions that are enough to be wrong? (Multiple choice question)

- A. The sender declares the initial window size
- B. The sender does not need to transmit messages of full window size
- C. The TCP sliding window allows multiple packets to be sent before an acknowledgment is received
- D. After the retransmission timer times out, the sender has not received an acknowledgment and will retransmit unacknowledged data
- E. The receiver needs to acknowledge the sender's packet
- F. Sliding window size can only be increased or remain unchanged

Correct Answer: A, F

Section:

QUESTION 98

/R1Jospf1IRL-osp- jarea.2[Rlospf-1-arca-0002]network1001310000 As shown in the configuration, the administrator configured OSPF but RI on R1 You cannot learn routes for other routing rings. Then the possible cause is the question).

- A. This router does not have an OSPF process number configured
- B. This router is configured with a different zone ID than its neighbor router's zone ID
- C. This router does not have authentication features configured, but neighbor routers configure authentication features
- D. The declared network address of this router does not match the interface mask

Correct Answer: B, C

Section:

QUESTION 99

The Next Header field information exists only in the header of an IPv6 message and is used to indicate whether an extended header exists for IPv6

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 100

What is the following description of MPLS BGPVPN incorrect?

- A. The TTL field in the label has the effect of preventing loops.
- B. IBGP PEes generally use the Loopback interface address to establish a stable BGP neighbor relationship
- C. BGP So0, which is used to prevent routes issued from a VPN site from passing through the MPLS backbone and back to that site. So0 is an extended group attribute that MP-BGP automatically generates.
- D. The routing exchange between D. PE-CE can be static routing, OSPF multi-instance, IS-IS multiinstance, EBGp

Correct Answer: C

Section:

QUESTION 101

The following information about MPLS tags describes the error as ?(Single choice questions).

- A. By default, devices support php features, and the ERAS node that supports PHP assigns a tag value of 3 to the penultimate hop node
- B. When the tag value is 0, the tag must be ejected and the message must be forwarded based on IPv4
- C. The MPLS tag is 4 bytes long and encapsulated between the link layer and the network layer.
- D. If the bottom of the label identifies S=0, it indicates that the label is the bottom label and is directly forwarded to the IP.

Correct Answer: D

Section:

QUESTION 102

Run the SSM across the entire HW IP multicast network. The following about SSM understands correctly?(Multiple choice question)

- A. No RP is required
- B. SSM uses only shared trees
- C. SSM uses only the SPT tree
- D. Ideal for 1-to-many applications
- E. SSM is recommended when you have multiple sources and expect to minimize the state of mroute in your network Ideal for many-to-many applications

Correct Answer: A, C, D

Section:

QUESTION 103

The HTTP protocol is based on TCP, so http Flood attacks can be defended against HTTP Flood attacks using the TCP Flood attack prevention method.

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 104

The following statement about IPSG technology is correct (single choice).

- A. The ip source check user-bind check-item command is used to configure VLAN- or interface-based IP packet checks, which take effect for both dynamic and static table entries.
- B. If an interface is configured as the OKCP Scooping Trust interface, the interface can normally receive DHCP ACK and DHCPNAK responded to by the OHHNP server and DHCP Offer packets, other untrusted ports cannot receive these packets properly.
- C. On Huawei routers, ipSG functions can be configured in Vlanif.
- D. The IPSG can perform binding table match checks on IP packets entering and leaving the interface.

Correct Answer: B

Section:

QUESTION 105

Underneath, what doesn't belong to EVPN Type2 routing is ? (Multiple choice question)

- A. Host ARP advertisement
- B. BUM message forwarding
- C. Host MAC address advertisement
- D. Host IP Route Advertisement

Correct Answer: B

Section:

QUESTION 106

The following description of the PPPoE data frame is correct? (Multiple choice questions).

- A. Once a PPPoE session is established, all Ethernet packets are unicast
- B. The Ethernet_Type domain is fixed to 0x8863
- C. When PPPoE passes session data, Code must be set to 0x0
- D. The Session_ID of the PPP session is not allowed to change and must be the specified in the Discovery phase

Correct Answer: C, D

Section:

QUESTION 107



Regarding BGP route filtering, the following description is wrong?

- A. The filtering relationship between Route-Policy's nodes is "or" , that is, as long as a node filter is passed, it can pass through the Route-policy
- B. For routes published locally, configure a routing policy that takes effect before the route is added to the BGP route table.
- C. In the same node of Route-Policy, multiple if-match clauses for different attributes are "or" relationships.
- D. When a route to a BGP peer is received, a routing policy is enforced to filter unwanted BGP routes that are not added to the local BGP routing table.

Correct Answer: C

Section:

QUESTION 108

Regarding route introduction, the following description is correctly ?(Multiple choice questions).

- A. OSPF introduces two types of external routes, with the first type of external route taking precedence over the second type of external route.
- B. Use the default-route imported command in BGP only to introduce default routes that already exist in the local IP routing table.
- C. When ISIS introduces an external route, if you do not specify the route type that is introduced, the Level-1 route is introduced by default on the L1/2 router
- D. When ISIS introduces an external route, if you do not specify the type of route that is introduced, the Level-1 route is introduced by default on the L1 router .

Correct Answer: A, B

Section:

QUESTION 109

Two routers connected through a firewall cannot establish a BGP neighbor relationship. What causes it?

- A. EBGP Multi-hop is not configured
- B. The firewall did not release IP protocol number 89
- C. Firewalls that do not have an open UDP port number of 179
- D. BGP neighbors must form a Layer 2 adjacency

Correct Answer: C

Section:

QUESTION 110

When a Layer 3 switch sends IP packets originating from one VLAN to another LAN, which field in the following options is overridden?(Single choice questions).

- A. Three layers of TTL
- B. Layer 3 destination address
- C. Layer 3 source address
- D. Layer 3 Transport Protocol
- E. Two-tier TTL

Correct Answer: A

Section:

QUESTION 111

The following statement about the NSSA area is correct (multiple choice).

- A. In the NSSA area where the OSPF neighbor sends hello packets, the N position 0, E within the option field Position 1
- B. The NSSA zone must automatically generate a default LSA to access the external network
- C. The NSSA zone generates a Category VII LSA to advertise external routing, and the FA address in the Category VII LSA acts to prevent loops
- D. In the OSPF neighbor in the NSSA region sends hello packets, position 1 within the option field , position E

Correct Answer: D

Section:

QUESTION 112

An existing router running OSPF is connected to zone 0 and zone I. You configured zone I as the Stub domain. What classes does an LSA that operates only inside zone I contain?

- A. 1LSA,2 3LSA
- B. 3LSA 4LSA1 2
- C. 1 ?LSA ? 2 ?LSA
- D. 1 ??LSA,2 ??LSA 5 ??LSA
- E. 7 ?LSA

Correct Answer: A

Section:

QUESTION 113

A company network runs the OSPF protocol, an engineer in order to understand the OSPF mechanism in the network to perform packet capture operations, the following ospf message description is correct?

- A. LSUpdate message is sent only when an adjacency relationship is established
- B. LSUpdate messages synchronize the link state database by sending detailed LSA information
- C. The interface sends Hello packets as soon as it joins the OSPF area
- D. When an LS Update packet is received, the router must send an LSack to acknowledge

Correct Answer: B, C

Section:

QUESTION 114

There is no routing protocol running on the router HW and only one default route reaches the remote network. On the router job with the extension Ping remote file server address 105401. The result of Ping on the router job is presented as "Request time." out"? Based on the above description, the error in the following analysis is ?

- A. Router HW's next hop router does not have a path to the destination address
- B. Ping is successful, but congestion occurs on the path to the destination address
- C. ICMP packets can reach the destination address But the destination device failed to reply
- D. Router HW does not have a legitimate route to the destination address
- E. There is a firewall in the remote destination network, and no ICMP traffic is allowed

Correct Answer: A

Section:

QUESTION 115

If the OSPF protocol is running in the network, after configuring the non-ospf region in the OSPF region as the Totally Stub region, the ABR router sends a message to Totally The Stub area issues an LSA with an LSID of 0000, which category the LSA belongs to LSA?(Single choice questions).

- A. LSA3
- B. LSA1
- C. LSA5
- D. LSA2

Correct Answer: A

Section:

QUESTION 116

What are the following techniques for improving MPLS BGP VPN reliability?(Multiple choice question)

- A. dual home networking is configured at the access layer
- B. VPN FRR
- C. VPN GR Private IP routing between
- D. PE-CE FRR

Correct Answer: A, B, C, D

Section:

QUESTION 117

Router HW1 exists in the carrier HW's network as an MPLSLSR router. The router receives a packet carrying a label, but the label entry does not exist in its LFIB. So how does the router handle that message?

- A. Router HW1 strips off the label and looks for the FIB using the P destination address
- B. Router HW1 uses LDP to create an LSP and creates a new path in LFIB for the label carried in the message
- C. Router HW1 drops the message
- D. Router HW1 will forward the message with the default label

Correct Answer: C

Section:

QUESTION 118

Which of the following scenarios does not require RPF checking?(Single choice questions).

- A. When a router in PIM SM receives multicast traffic when a shared tree is established to an RP in PIM SM
- B. When a pruning message is received in PIM SM
- C. When the RP in PIM SM establishes the source tree to the multicast source

Correct Answer: C

Section:

QUESTION 119

If multiple candidate RPs are configured in a multicast group, which of the following parameters does the RP that elect the group from multiple candidate RPs need to be compared?

- A. The mask length of the group range for the C-RP service that matches the group address that the user joined
- B. C-RP priority
- C. The IP address of the C. C-RP interface Number of

D. C-RP interface

Correct Answer: A, B, C

Section:

QUESTION 120

You expect to deploy multicast video applications on your private, on-premises network. To achieve this, you need to have a private multicast IP address in your network . So which range of IP addresses can be used?(Single choice questions).

- A. 239000-239255255255
- B. 241.000-241.255255255
- C. 224000-224255255255
- D. 240000-254255255255 E. 226000-226255255255

Correct Answer: A

Section:

QUESTION 121

Which of the following statements about RADIUS is correct?(Single choice questions).

- A. MAC authentication does not require a username password, so you cannot use RADIUS to authenticate the user.
- B. RADIUS supports both wired and wireless access modes.
- C. SEPARATION OF RADIUS PROTOCOL AUTHENTICATION, AUTHORIZATION, AND AUDIT.
- D. RADIUS authentication and Portal authentication cannot be used together because the Portal server can typically be used to authenticate users when portal authentication is deployed.

Correct Answer: B

Section:

QUESTION 122

What are some of the following misrepresentations about URPF, IPSG, and DAI technologies? (Multiple choice questions).

- A. DAI does not support manual configuration of binding tables.
- B. IPSG checks the source IP address and source MAC address of the IP packet , and DAI only checks the correspondence between the IP and the MAC.
- C. URPF can be used to protect against DDoS spoofed source attacks.
- D. IPSG technology checks IP packets for source IP spoofing attack prevention, while DAI checks ARP packets to filter attack sources.

Correct Answer: A, B

Section:

QUESTION 123

In order to configure M4, you first need to define a RADIUS server, which is defined as follows:

Huawei]radius-server template EXAM

[Huawei-radius-EXAM]radius-servershared-key cipher HUAwei123(Huawei-radius-EXAM]radusserver authentication 10766661812(Huawei-radius- EXAM]radius-server authorization 1076666 1812[Huawei-radius-EXAM]radius-server accounting 10766661813 (Huawei-radius EXAM]radiusserver retransmit 2

- A. True
- B. False

Correct Answer: B

Section:

QUESTION 124

Router A has an IP route entry with a purposeful CIDR block of 10001/32 and an outgoing interface of GigabitEthernet0/0/1. Now add the following configuration: `acl number 2000 rule 10 permit source 1001.10 # 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 1001212552552550 traffic-policy test outbound #` Assuming router A received a destination IP of 10001. Of packets, the following statements are correct:

- A. If the data packet source IP address is 1001.2, it can be forwarded with the DSCP field marked CS3
- B. If the packet source IP address is 1001.1, it can be forwarded while the DSCP field is marked as CS3
- C. If the packet source IP address is 1001.2, it cannot be forwarded
- D. If the packet source IP address is 1001.2, it can be forwarded while the DSCP field remains unchanged

Correct Answer: B, D

Section:

QUESTION 125

MSTP switches treat RSTP switches as MSTP domains, MSTP, which are formed by a single switch. The interchange resolves the RSTBPDU to MSTBPDU, where IRPC is 0

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 126

If you have a Huawei switch running the STP protocol, and now connect the G0/0/17 interface and the G0/0/18 interface of the switch through a cable, then the scenario described below is correct? (Single choice questions).

- A. Both the G0/0/17 interface and the G0/0/18 interface enter the Forwarding state
- B. Both the G0/0/17 interface and the G0/0/18 interface enter the Discarding state
- C. The G0/0/17 interface enters the Blocking state
- D. The G0/0/18 interface will continuously change back and forth between the Listening state and the Learning state
- E. G0/0/18 interface will enter the Disking state

Correct Answer: E

Section:

QUESTION 127

Huawei's two switches SWA and SWB are connected together by 7 Ethernet cables, and static link clustering is configured, and the corresponding port on the switch SWA is 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, configured in order of port if the switch SWA, SWB supports only 6 ports per aggregation group

- A. In the case of consistent configuration of each port, Ethernet 1/0/6 port is an aggregate group Unselected port
- B. In the case of consistent configuration of each port, the Ethernet 1/0/1 port is an aggregate group Unselected port
- C. With the same configuration of each port, the Ethernet 1/0/7 port is the aggregate group Unselected port
- D. With the same configuration of each port, SWA randomly selects one of the 7 ports as the aggregate group Unselected port



Correct Answer: C

Section:

QUESTION 128

??? aggregate ipv4-address { mask/masklength }[as-set lattribute-policy route-policy-name1 ldetailsuppressedlorigin- policy routein policy-name2[suppress3policy route-policy-name3], multiple parameters can be used to influence summary routes and their results. The correct description about the command is ?(Multiple choice questions).

- A. If As-set is configured, the A S_PATH of the aggregate route contains ass path information for all specific routes in case the route loop is blocked
- B. If Suppress-policy is configured, aggregate routes are also generated, and the if-match clause in Route-policy is used to pick suppressed detail routes. Detail routes that match Route-policy are still advertised to other BGP neighbors
- C. If Origin-policy is configured, only detail routes that match Route-policy can participate in aggregation
- D. If You configure The Interface-policy, you can change the properties of the aggregate route

Correct Answer: A, C, D

Section:

QUESTION 129

Communityfilter has two types of basic group nature filters and advanced group property filters.

Which of the following filters makes the Advanced Group Genus Filter more flexible than the Basic Group Attribute Filter to match group attributes?

- A. IP-prefix
- B. AS-path-filter
- C. Regular-expression
- D. ACL

Correct Answer: C

Section:

QUESTION 130

In a shared network, what mechanism does PIM-SM use to prevent duplicate traffic?(Single choice questions).

- A. Register mechanism
- B. BSR/RP mechanism
- C. Assert mechanism
- D. Join/Prune mechanism

Correct Answer: C

Section:

QUESTION 131

What are the following statements about 8021x, RADIUS, and HWTACACS certification? (Multiple choice questions).

- A. Users can use 8021x authentication to access the network and complete identity authentication through RADIUS
- B. RADIUS authentication and WTACACS authentication are mutually exclusive and cannot be twofactor authentication for the same user at the same time.
- C. RADIUS authentication and HWTACACS authentication can perform two-factor authentication for the same user at the same time, which is more secure.
- D. RADIUS authentication is mutually exclusive with 8021x authentication.



Correct Answer: A, B

Section:

QUESTION 132

The following statement about IPv6 Over VXLAN is wrong as ?(Single choice questions).

- A. The tunnel between VXLAN Layer 2 and Layer 3 gateways is an IPv4 network.
- B. IPv6 over VXLAN solves the problem of insufficient IP address resources for end tenants.
- C. IPv6 Over VLANs do not generate ND table entries.
- D. IPv6 over VXLAN means that the Overlay network of the VXLAN is an IPv6 network.

Correct Answer: C

Section:

QUESTION 133

What are the following correct statements about MUX VLANs?(Multiple select).

- A. The Principal VLAN can communicate with all VLANs within the MUX VLAN
- B. Each Separate VLAN must be bound to a Principal VLAN
- C. Separate VLANs can communicate with all VLANs within a MUX VLAN
- D. Each Group VLAN must be bound to a Principal VLAN

Correct Answer: A, B, D

Section:

QUESTION 134

There is an existing switch running the RSTP protocol. If the network topology changes, what happens to the Layer 2 forwarding table that is automatically learned by the switch?

- A. All table entries are dropped
- B. Except for the table entry related to the edge port that is not deleted, all other table entries are deleted
- C. Only table entries related to the port that received the TC message are dropped
- D. If the aging time is set to 15 seconds, entries that exceed the aging time are deleted
- E. Table entries are dropped except for table entries related to edge ports and table entries related to ports that receive TC messages

Correct Answer: E

Section:

QUESTION 135

The advantages of building a campus network using stacking, clustering technology include which of the following?(Multi-select)

- A. Improved network equipment and link utilization
- B. It can effectively reduce network power consumption
- C. Business disruption time is greatly reduced
- D. Simplifies network management and reduces the complexity of network deployment planning

Correct Answer: A, C, D

Section:



QUESTION 136

Which of the following messages does the BGP protocol support?

- A. Update
- B. Open
- C. Hello
- D. Keepalive

Correct Answer: A, B, D

Section:

QUESTION 137

The correct description of the extended features of ISIS is ?

- A. When the amount of information in the Link State Protocol data packet PDU to be released by ISIS is too large, the ISIS router will generate multiple LSP shards to carry more ISIS information.
- B. ISIS can choose whether to authenticate incoming SNP and LSP packets
- C. If there are other vendors' devices on the network and do not support the LSP sharding function, the sharding expansion mode must be configured as Model-1, otherwise the message will not be recognized by other vendors' devices.
- D. After you enable the LSP shard extension feature of your router, you can use it without restarting the ISIS process.

Correct Answer: A, B, C

Section:

QUESTION 138

Regarding the difference between NSR and NSF, the correct one is?

- A. The NSR must rely on a neighbor router to complete
- B. Both NSR and NSF require a neighbor router to complete
- C. NSF must rely on neighbor routers to complete
- D. NSF does not require a neighbor router to complete

Correct Answer: C

Section:

QUESTION 139

Which of the following default routing delivery methods does OSPF support?(Multi-select)

- A. It can be issued without force
- B. Can be issued on ABR
- C. Issuance can only be enforced
- D. Answer can be issued on ASBR

Correct Answer: A, B, D

Section:

QUESTION 140

Configuration under a certain interface: isis timer hello 5 level-2, the following statement is correct?



- A. The hello packets sent at level-1 and Level-2 are both 5s
- B. The hello packets sent at level-1 are sent at 5s interval
- C. The level-2 hello packet send interval is 5s
- D. The CSNP packet sending interval for this interface Level-2 is 5S

Correct Answer: C

Section:

QUESTION 141

The flood range in OSPFv3 is the LSA within the entire autonomous system?

- A. Intra-Area-prefix-LSA
- B. AS-external-LSA
- C. Link-LSA
- D. Inter-Area-Prefix-LSA

Correct Answer: B

Section:

QUESTION 142

Regarding the Stub region in the OSPF protocol, the following statement is correct.

- A. Virtual connections cannot traverse the Stub region
- B. Backbone zones cannot be configured as Stub zones
- C. ASBR cannot exist in the Stub zone
- D. Type7 LSA injection is not allowed in the Stub zone

Correct Answer: A, B, C, D

Section:

QUESTION 143

Because BGP is an EGP routing protocol, BGP routing policies can only be deployed between EBGP neighbors, and routing policies between IBGP neighbors are not valid.

- A. TRUE
- B. FALSE

Correct Answer: B

Section:

QUESTION 144

An advanced access control list is a sequence of rules consisting of permit |deny statements that can match IP messages based on which attributes ?(). Multiple select).

- A. Destination port number
- B. Source address
- C. Destination address
- D. Source port number



Correct Answer: A, B, C, D

Section:

QUESTION 145

The basic header length of an IPv6 message is a fixed value.

- A. TRUE
- B. FALSE

Correct Answer: A

Section:

QUESTION 146

Regarding the site in the BGP/MPLSIP VPN network architecture, the following description is correct?

- A. Under no circumstances can different sites that belong to the same VPN use overlapping address spaces
- B. Two geographically separated networks must belong to different sites
- C. Terminals connected to the carrier network through the same CE may belong to different sites
- D. A site is a set of IP systems, and a network of hosts cannot be called site

Correct Answer: A, B, C, D

Section:

QUESTION 147

In MPLSVPN, in order to distinguish between IPv4 prefixes that use the same address space, the RD value is added to the IPv4 address, and the following options are described correctly as ?

- A. RD can be used to control the publication of VPN routing information
- B. On a PE device, each VPN instance corresponds to an RD value, and the RD value must be unique on the same PE device
- C. RD is encapsulated in the Update message as an extended community attribute of BGP during delivery
- D. After the PE receives an IPv4 route from CE, it adds an RD to the route to IPv4 that translates to a globally unique VPN-IPv4 route and publishes it on the public network

Correct Answer: B

Section:

QUESTION 148

Which of the following VPN technologies may have two IP message headers in one message?

- A. GOES
- B. SSL VPN
- C. IPsec VPN
- D. L2TP

Correct Answer: A, C, D

Section:

QUESTION 149

The following statement about the application of BFD is correct?

- A. The one-arm echo function refers to the detection of the connectivity of the forwarding link through the loopback operation of the BFD packet
- B. BFD multi-hop detection means that BFD can detect arbitrary paths between two systems that may span many hops or overlap in some parts
- C. BFD and OSPF linkage is to associate BFD and OSPF, and notify OSPF through BFD's rapid sensing of link failures, thereby speeding up OSPF Response to changes in network topology
- D. BFD single-hop detection refers to the IP connectivity detection of two direct-connected systems

Correct Answer: A, B, C, D

Section:

QUESTION 150

BGP EVPN Type2 routes are used to pass IRB type routes with information including ?(Multi-select)

- A. Layer 2 VNI
- B. Host IP address
- C. Host MAC address
- D. Three layers of VNI

Correct Answer: A, B, C, D

Section:

QUESTION 151

Use ping-ax-cY-sZ-vpn-instance M 105162, which has the meaning of

- A. ICMP request for the ping, message size Z (without IP and ICMP headers)
- B. The source IP address of the ping packet is X
- C. The ping belongs to the VPN instance M
- D. The ping sends Y ICMP requests

Correct Answer: A, B, C, D

Section:

QUESTION 152

The rules for RR to publish routes break the rules for horizontal segmentation of IBGP, so it is possible to cause loops within the AS. What routing attributes does RR use to prevent loops?

- A. Nexthop
- B. Originator ID
- C. AS-PATH
- D. Cluster List

Correct Answer: B, D

Section:

QUESTION 153

The address resolution feature for NDP in the following description is incorrect?

- A. When sending a neighbor request packet, the source address is set as the link-local address
- B. of the local interface Two types of ICMPv6 messages,



- C. are used in the address resolution process, neighbor request and neighbor advertisement Address resolution implements the ability to resolve from IPv6 addresses to link-layer addresses
- D. When sending a neighbor request packet, the destination address must be the multicast address of the neighbor's requested node

Correct Answer: A

Section:

QUESTION 154

How many bits are there in the label field of MPLS ?

- A. 3
- B. 8
- C. 1
- D. 20

Correct Answer: D

Section:

QUESTION 155

There is a concept of FEC-Forwarding Equivalence Class in MPLS, so what criteria can FEC not allocate based on?

- A. Application Protocol
- B. Class of Service
- C. Destination Address
- D. Fragment offset

Correct Answer: D

Section:

QUESTION 156

The following description of the TTL in the MPLS Header is correct:

- A. A TTL that acts like an IP header and is used to prevent message loops
- B. To control label distribution
- C. Limit LSR
- D. Control of upstream devices for label distribution

Correct Answer: A

Section:

QUESTION 157

For the description of firewall security zones, the following statement is correct?

- A. The same interface of a firewall can belong to different security zones
- B. Different security zones of the firewall, the priority can be the same
- C. The built-in security zone of the Firewall can be deleted
- D. Different interfaces of the firewall can belong to the same security zone



Correct Answer: D

Section:

QUESTION 158

The MAC address of a PC is 5489-98FB-65D8 The administrator wants this PC to get the specified IP address 192.168.1.11/24 from the DHCP server So the administrator-configured command should be,

- A. dhcp static-bind ip address 192.168.1.11 mac- address 5489-98FB-65D8
- B. dhcp static-bind ip address 192.168.1.11 24 mac- address 5489-98FB-65D8
- C. dhcp server static -bind ip address 192.168.1.11 255.255.255.0 mac-address 5489-98FB-65D8
- D. dhcp server static-bind ip-address 192.168.1. 11 mac- address 5489-98FB-65D8

Correct Answer: D

Section:

QUESTION 159

What's wrong about vrrp timers is ?

- A. MASTER DOWN = (3*ADVER_ INTERVAL) + Skew_ time
- B. Skew Time= (255-Priority)/255
- C. By default, the time period for VRRP advertisement messages is 2 seconds
- D. By default, the VRRP preemption delay is 1 seconds

Correct Answer: B, C, D

Section:

QUESTION 160

In the VXLAN implementation, the mapping relationship between VNI and BD is

- A. 1:N
- B. N:1
- C. 1:1
- D. N: M

Correct Answer: C

Section:

QUESTION 161

Although the STP protocol can solve the loop problem, it affects the quality of user communication due to the slow convergence of the network topology. RSTP has made many improvements to STP, which of the following is not an improvement of RSTP to STP?

- A. In addition to the 3 port states, RSTP adds 2 new port roles
- B. Non-root switches running RSTP send configuration BPDUs at intervals specified by Hello Timer, a behavior that is entirely autonomous for each device
- C. RSTP port state specification is divided according to whether the port forwards user traffic and learns the MAC address, reducing the original 5 port states to 3
- D. If a port does not receive a configuration BPDU sent by the upstream device for 4 consecutive Hello Time, the device considers the negotiation with this neighbor to fail

Correct Answer: D

Section:



QUESTION 162

Regarding BGP4+, the following statement is correct?

- A. BGP4+ carries the next hop address of the route through the Network Address of Next Hop in the NLRI properties MP_REACH
- B. BGP4+ carries the next hop address of the IPv6 route through the NEXT_HOP attribute
- C. The NEXT_HOP attribute does not exist in BGP4+
- D. BGP4+ carries the prefix and mask length of the IPv6 route through the NLRI attribute

Correct Answer: A, D

Section:

QUESTION 163

What categories can ACLs be divided into?

- A. Advanced ACLs
- B. Two-layer ACL
- C. User-defined ACLs
- D. Basic ACL

Correct Answer: A, B, C, D

Section:

QUESTION 164

What descriptions of the OSPF protocol are correct?

- A. AS-External-LSA describes the router's path to ASBR
- B. The cost value of the second type of external route is only the AS external cost value, ignoring the AS internal cost value
- C. AS-External-LSA does not belong in any region
- D. AS-External-LSA describes the path to the as outside of the route, and the scope of the flood is the AS outside

Correct Answer: B, C

Section:

QUESTION 165

Which of the following LSAs propagate in a single region only?

- A. Router LSA
- B. Summary LSA
- C. Network LSA
- D. AS External LSA

Correct Answer: A, B, C

Section:

QUESTION 166

What parameters can the DHCPv6 server assign to DHCPv6 clients?



- A. SNTP server address
- B. IPv6 address/prefix
- C. Gateway address
- D. DNS server address

Correct Answer: A, B, C, D

Section:

QUESTION 167

What are the three ways to send IPv4 messages?

- A. broadcast
- B. Unicast
- C. Multicast
- D. Any broadcast

Correct Answer: A, B, C

Section:

QUESTION 168

In inter-domain packet filtering, which of the following options belongs to the outbound direction?

- A. trust -->Local
- B. untrust--> dmz
- C. trust--> untrust
- D. untrust--> trust

Correct Answer: C

Section:

QUESTION 169

Which of the following parameters should be modified to re-establish the is-IS neighbor relationship?

- A. Modify the Cost value of the IS-IS interface
- B. Modify the send interval for the IIH of the IS-IS interface
- C. Modify the Level of the IS-IS interface
- D. Modify the IP address of the IS-IS interface

Correct Answer: C, D

Section:

QUESTION 170

Which of the following sequences can be matched by the regular expression `[^100|200]$?`

- A. 300200 100
- B. 200 100 300
- C. 100 200 300



D. 100,300,200

Correct Answer: B, C, D

Section:

QUESTION 171

Regarding BGP's recognized arbitrary attributes, which of the following descriptions is correct?

- A. must be passed between BGP neighbors
- B. All BGP routers must be recognized
- C. There is no requirement to be present in the Update message, and you can decide whether to add it to the Update message on a case-by-case basis
- D. The BGP router cannot recognize the

Correct Answer: B, C

Section:

QUESTION 172

The main routing policy tools that BGP can use are Filter-policy and Route-policy, where Filter-policy can only filter routes and Route-policy can only modify routes

- A. TRUE
- B. FALSE

Correct Answer: B

Section:



QUESTION 173

Which of the following BGP attributes is not required in the Update message for a BGP route?

- A. WITH
- B. Local-Preference
- C. AS_PATH
- D. Origin

Correct Answer: A, B

Section:

QUESTION 174

The following link-LSA for OSPFv3 is correct?

- A. Contains both the link-local address of this interface and all IPV6 prefixes of the same area on this router.
- B. Contains both the link-local address of the interface and all IPv6 prefixes on the interface.
- C. ?Link-LSA ???Prefix ?Prefixoptions ???Ox00,?? Prefix ???IPv6??????
- D. The Option field exists in the header of the LSA, not in the data area of the Link-LSA

Correct Answer: B

Section:

QUESTION 175

ICMPv6 has two types: Error Messages and Information Messages.

- A. TRUE
- B. FALSE

Correct Answer: A

Section:

QUESTION 176

The duplicate address detection feature for NDP in the following description is incorrect?

- A. IPv6 unicast address is called a tentative address after it is assigned to an interface and before it is detected by duplicate addresses
- B. Duplicate address detection is implemented via RS and RA messages
- C. IPv6 duplicate address detection technology is similar to free ARP in IPv4
- D. The interface needs to perform duplicate address detection before enabling any of the unicast IPv6 addresses

Correct Answer: B

Section:

QUESTION 177

Regarding the domain-authentication-mode md5 hello command in the ISIS process, the correct explanation is ?

- A. ISIS authentication cannot be applied in IPv6 environments.
- B. This command is mainly used to make is the ISIS Hello message carry authentication information during the transmission process.
- C. All router domain authentication methods of the same routing domain are MD5, the password is hello, and IS-IS SNP and LSP will spread normally.
- D.

Correct Answer: C

Section:

Explanation:

- A. ISIS authentication cannot be applied in IPv6 environments.
- B. This command is mainly used to make is the ISIS Hello message carry authentication information during the transmission process.
- C. All router domain authentication methods of the same routing domain are MD5, the password is hello, and IS-IS SNP and LSP will spread normally.
- D. outing domain authentication is primarily used to allow level-1 and Level-2 SNP and LSP messages to carry authentication information during delivery.

Answer: C

Explanation:

QUESTION 178

Which of the following configurations is the correct OSPFv3 route aggregation configuration:

- A. [Huawei]ospfv3 1 [Huawei-ospfv3-1]area 1
[Huawei-ospfv3-1-area-0001]abr-summary fc00:0:0:48 cost 400
- B. [Huawei] interface gigabitethernet 1/0/0
[Huawei-GigabitEthernet1/0/0]asbr-surmary fc00:0:0:48 cost 20
- C. [Huawei]ospfv3 1 [Huawei-ospfv3-1]asbr-surmary fc00:0:0:48 3 cost 20 tag 100
- D. [Huawei]ospfv3 1 [Huawei-ospfv3-1]abr-surmary fc00:0:0:48 cost 400

E. (Huawei)ospf3 1 Huawei-ospfv3-1Jarea 1
Huawei-ospfv3-1-area-0001]asbr-summary fc00:0:0: 48 cost 20 tag 100

Correct Answer: A, C

Section:

QUESTION 179

In order for routers at both ends of the IPv6 over IPv4 manual tunnel to exchange routing information, OSPV3 can be enabled on the tunnel, osPFv3 will be able to form a normal neighbor relationship, and the tunnel interface will be treated as a P2P link interface.

- A. TRUE
- B. FALSE

Correct Answer: A

Section:

QUESTION 180

If we have a VPN instance configured on a router, if we need to view the VPN route on a Huawei router, which of the following commands should we use?

- A. display ip routing-table vpn-instance vpn-instance-name
- B. display ip routing-table
- C. display vpn routing-table
- D. display ip vpn-instance

Correct Answer: A

Section:

QUESTION 181

Is the following statement about VLAN aggregation correct?

- A. Sub-VLAN is used to isolate broadcast domains
- B. A Super VLAN can contain one or more Sub-VLANs
- C. The super Sub-VLAN contains a physical interface that can establish a Layer 3 VLANIF interface
- D. Sub-VLAN contains a physical interface that can establish a Layer 3 VLANIF interface

Correct Answer: A, B

Section:

QUESTION 182

Regarding the characteristics of CE double attribution, the description is wrong with ?

- A. CE accesses the backbone through two links that can be used as both load sharing and primary and standby links.
- B. CE and PE form a CE dual-home network, which can ensure high network availability.
- C. VRFs of two PEs connected to the same CE can belong to different VPNs.
- D. In the CE dual home network, it is possible to generate loops, and you can use route-tag to solve the loop problem.

Correct Answer: C



Section:

QUESTION 183

There is a new HW office that needs to use their router as a DHCP server. When configuring the DHCP server to provide DHCP services to the current office, what of the following items need to be configured?

- A. Exclude unused IP addresses from the DHCP server
- B. Configure the timeout period for ping packets
- C. Configure the startup file for the DHCP server
- D. Configure manual binding
- E. Configure dhcp address pool

Correct Answer: A, E

Section:

QUESTION 184

BGP EVPN advertises external routes, which of the following routes?

- A. Type1
- B. Type2
- C. Type3
- D. Type4
- E. Type5

Correct Answer: E

Section:



QUESTION 185

A routing tool can define multiple entries. Which tool will automatically add a deny-any entry at the end of the configuration?

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

Correct Answer: A, B, C, D

Section:

QUESTION 186

The following statement about a cross-domain MPLS VPN is mischaracteristic?

- A. When the public network tag is LDP only , for cross-domain VPN-optionC scenario 2, a three-layer tag is required in the packet forwarding process.
- B. For the cross-domain VPN-OptionB approach, an MP-eBGP neighbor relationship needs to be established between the two ASBRs.
- C. For the cross-domain VPN-OptionA mode, the route passed between the two ASBRs is a normal IPv4 route.
- D. For the cross-domain VPN-OptionB approach, two ASBR-PEs are interconnected with multiple interfaces (including sub-interfaces), each associated with a VPN, each ASBR PE treats the peer as a CE.

Correct Answer: A, D

Section:

QUESTION 187

Network managers can use CAR technology in traffic policing. What of the following technologies can be applied in CAR?

- A. Double barrel two-speed
- B. Double barrel single speed
- C. Single barrel single speed
- D. Three barrels of single quick

Correct Answer: A, B

Section:

QUESTION 188

In an MPLS BGPVPN networking that does not enable MPLS penultimate hop pop-up technology.

When the message reaches the last hop PE, the message has two layers of labels, and the two layers of label values can be the same.

- A. TRUE
- B. FALSE

Correct Answer: A

Section:

QUESTION 189

Regarding the MPLS basic forwarding process, the following description is incorrect? Radio

- A. By default, the PHP-enabled Erass node assigns a label value of 3 to the inverted second-hop node.
- B. When an IP message enters the MPLS domain, the MPLS boundary device inserts a new label between the layer 2 header and the IP header.
- C. When the P message enters the MPLS domain, check whether the Tunnel ID value corresponding to the destination IP address is 0x00. If the Tunnel IID value is 0x0, then enter the MPLS forwarding process.
- D. The transport node device replaces the existing top-of-stack label (outermost label) with the label assigned by the next hop device.

Correct Answer: C

Section:

QUESTION 190

In EPIM-SM, the following description of the PIM Join message is correct?

- A. APIM Join messages are sent every 3 minutes, and status
- B. PIM Join messages for the multicast tree are only sent when the multicast tree is first established
- C. The PIM Join message is sent every 60 seconds to refresh the status of the upstream router mroute for the multicast tree
- D. The upstream router sends a PIM Join acknowledgment in response to each PIM Join message received from the downstream router

Correct Answer: C

Section:

QUESTION 191

Which field in the IPv6 basic header has a similar effect to which field in the IPv4 header does?

- A. Flags

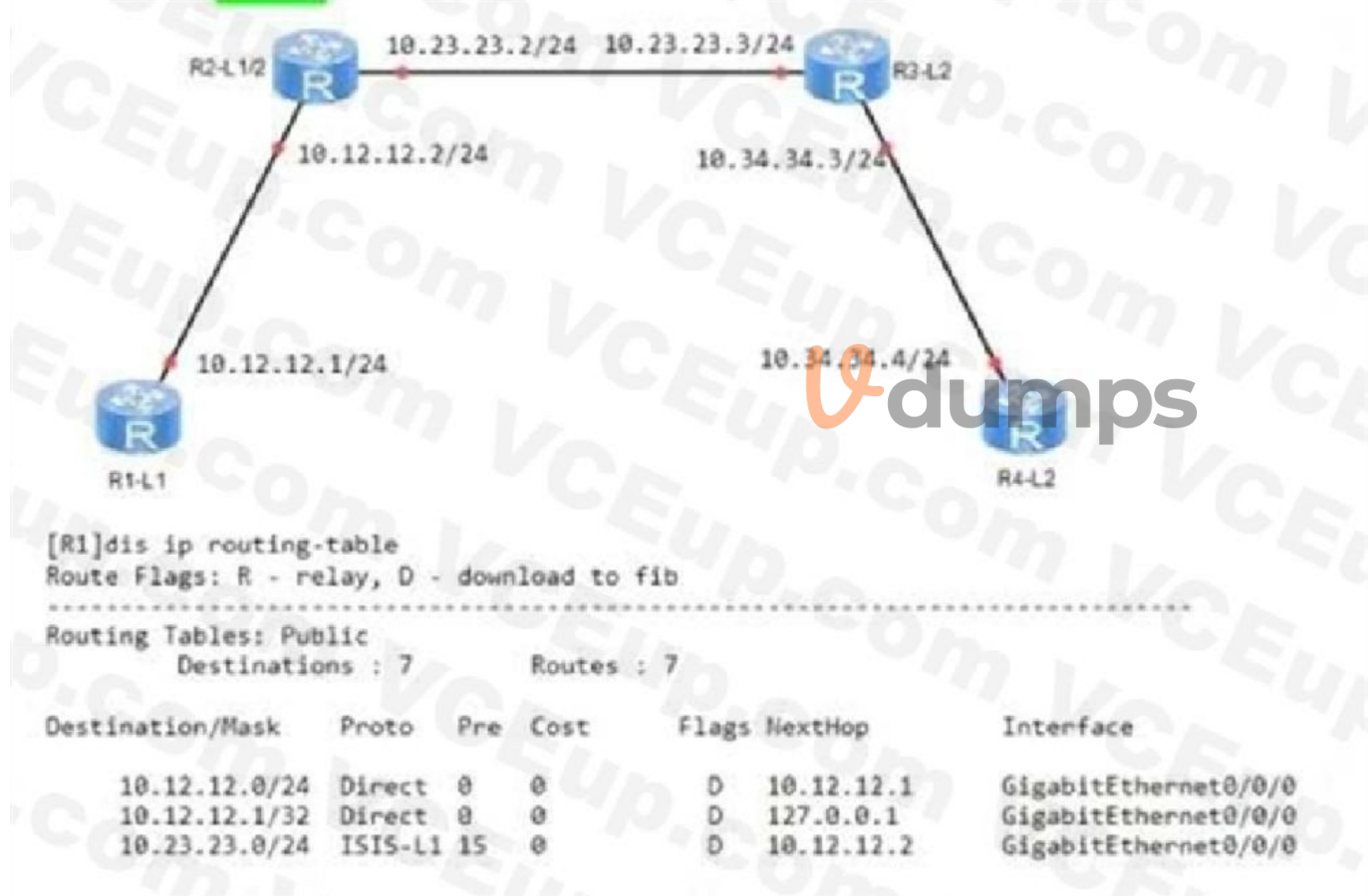
- B. Protocol
- C. Time to Live
- D. Identification

Correct Answer: C

Section:

QUESTION 192

Four routers R1, R2, R3, and R4 run IS, and the ISS router type is noted in the diagram. All four routers have an area address of 49001, and looking at the routing table on R1 shows the following results, the reason why R did not reach the route of 1034344



- A. The routing policy configured on the ARO filters the System-ID of the default route
- B. R2 from conflicting with R3
- C. R and R4 Zone Planning Errors The System-ID of
- D. R2 conflicts with R1

Correct Answer: C

Section:

QUESTION 193

A router Router LSA is shown in the figure, and the error in the following statement is ?

```
<Huawei>display ospf lsdb router self-originate
OSPF Process 1 with Router ID 10.0.12.1
Area: 0.0.0.0
Type      : Router
Ls id     : 10.0.12.1
Adv rtr   : 10.0.12.1
Ls age    : 312
Len       : 36
Options   : ABR E
seq#      : 80000013
chksum    : 0xc61c
Link count: 1
* Link ID: 10.0.12.2
Data      : 10.0.12.1
Link Type: TransNet
Metric    : 1
```

- A. This router supports external routing ingestion
- B. This router is a DR
- C. The Router ID of this router is 100121
- D. This router has established an adjacency relationship

Correct Answer: B

Section:

QUESTION 194

The correct statement about the difference between OSPFv2 and OSPFv3 is ? Multi-select

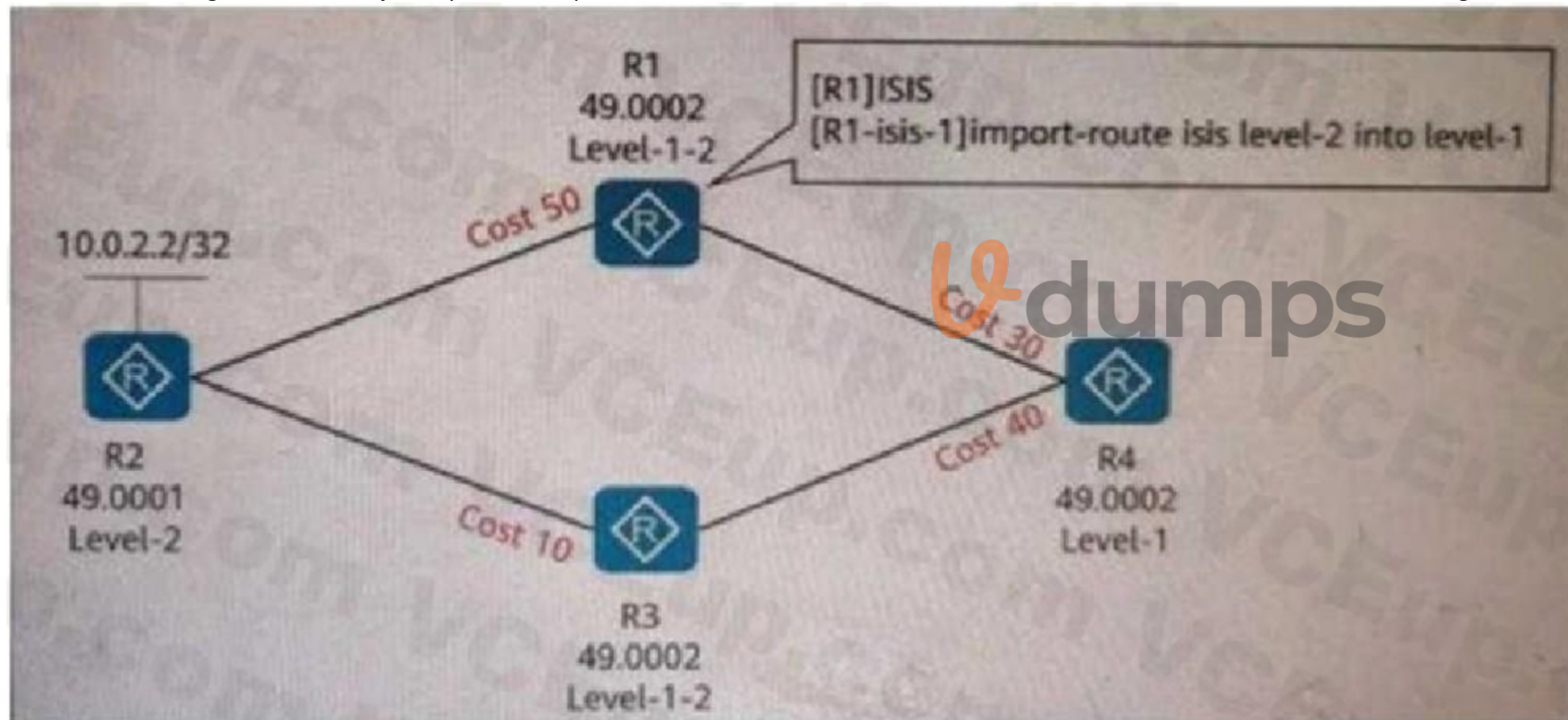
- A. BOTH OSPFv2 and OSPFv3 support interface authentication. And OSPFv3 authentication is still based on the fields in the ospf message header
- B. OSPFv3 is similar to OSPFv2 in that it uses a multicast address as the OSPF message destination address
- C. The same type of message exists in OSPFv2, OSPFv3: Hello, DD, LSR, LSU, LSAack, Their message format is the same
- D. OSPFv2 has the protocol number 89 in the IPv4 packet header, OSPFv3 The next number in the IPv6 message header is 89

Correct Answer: B, C, D

Section:

QUESTION 195

Four routers running IS-4S and an adjacency relationship has been established, the area number and the level of the router are noted in the figure, and the R4 reaches 10022/32 on the R1 device Cost for how much?



- A. 50
- B. 80
- C. 40
- D. 30

Correct Answer: B

Section:

QUESTION 196

Regarding the Stub region and the NSSA region of the OSPF protocol , the following statement is incorrect with a single choice

- A. Neither the Stub region nor the NSSA region allows injection of Type4 LSA
- B. Type5 LSA injection is not allowed in the Stub region, while Type5LSA injection is allowed in the NSSA region
- C. Type7LSA injection is not allowed in the Stub region, while Type7LSA injection is allowed in the NSSA region
- D. Both the Stub region and the NSSA region allow injection of Type3 LSA

Correct Answer: B

Section:

QUESTION 197

If the Interface Sticky MAC function is enabled, what is the number of MAC addresses that the interface learns by default?

- A. 15
- B. 10
- C. 5
- D. 1

Correct Answer: D

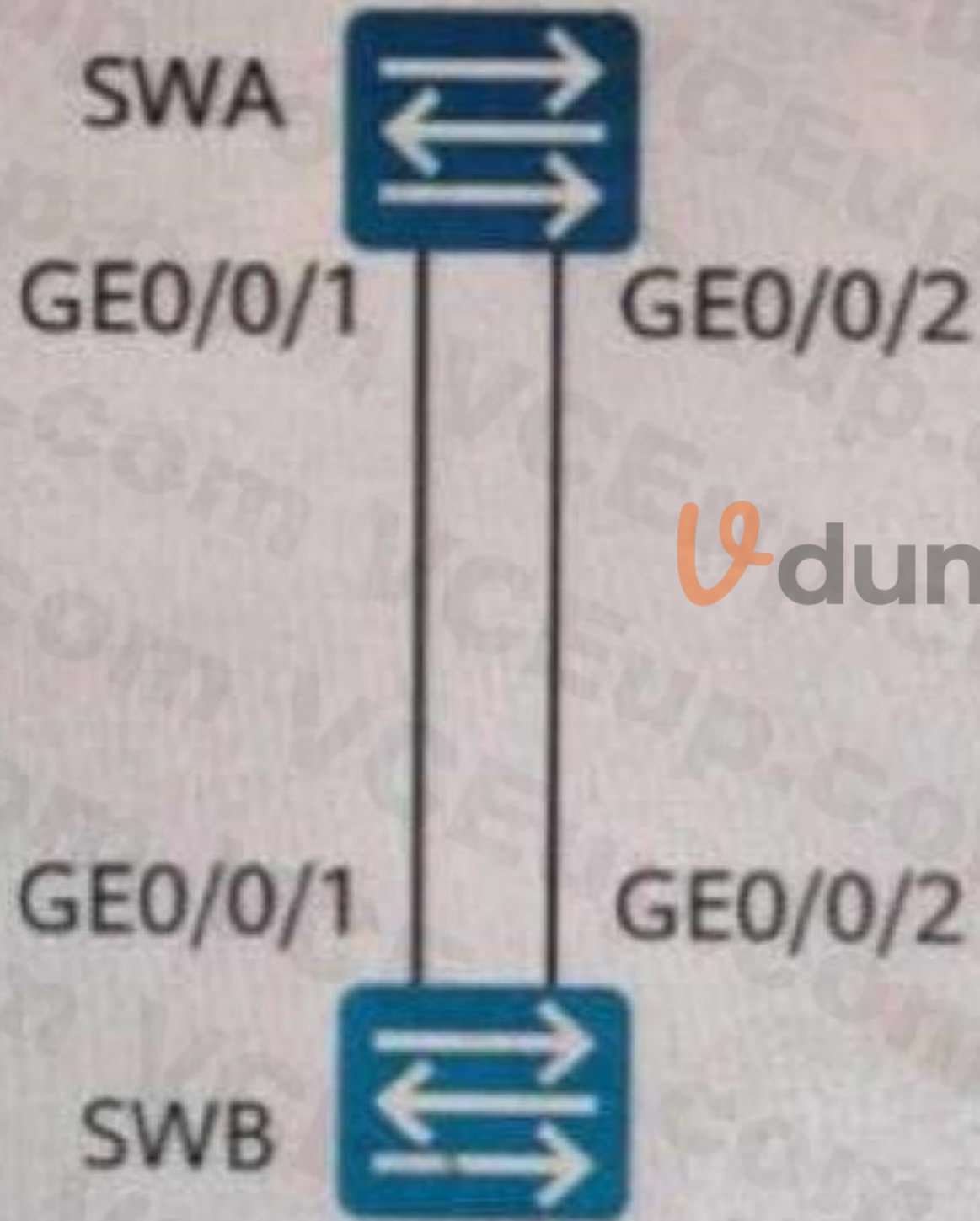
Section:

QUESTION 198

As shown in the figure, SWA, SWB runs the PSTP protocol, and Cost of Path remains the default without modification, so the following statement is correct



Bridge ID:0.4c1f-cc9d-4650



Bridge ID:0.4c1f-cc9d-4655

- A. GEO/0/1 on ASWB is Alternative port
- B. GEO/0/2 on SWB is Alternative port
- C. SWA On GEO/0/1 for backup port
- D. SWB will become the root bridge

Correct Answer: B

Section:

QUESTION 199

Which of the following is the benefit of VLAN aggregation?

- A. Implements isolation of broadcast domains between Sub-VLANs
- B. Reduce the waste of IP addresses
- C. Increased number of available VLANs
- D. Increased flexibility in addressing

Correct Answer: A, B, D

Section:

QUESTION 200

The correct description about the prefix list is:

- A. The prefix list is used to filter P prefixes and can match both prefix numbers and prefix lengths
- B. The prefix list is used to filter IP prefixes, and cannot match both the prefix number and the prefix length
- C. The prefix list cannot be used for packet filtering
- D. The prefix list can be used to filter packets

Correct Answer: A, C

Section:

QUESTION 201

IS-IS supports the processing and computation of IPv6 routes by adding ATLPs to carry IPv6 addresses and reachability information.

- A. TRUE
- B. FALSE

Correct Answer: A

Section:

QUESTION 202

There can be multiple nodes under a route -policy, different node numbers are identified by nodes, and each node can have multiple if-match and apply clauses, which of the following descriptions are wrong ?

- A. The relationship between the if-match clauses under each node is "and"
- B. The relationship between different nodes is an "and" relationship
- C. There is an "or" relationship between different nodes
- D. The relationship between the if-match clauses under each node is "or"

Correct Answer: B, D

Section:

QUESTION 203

What information does the BGP Open message carry as follows?

- A. BGP Router ID
- B. Route attributes
- C. Local Autonomous System (AS) number
- D. Hold time

Correct Answer: A, C, D

Section:

QUESTION 204

The following description of BGP loop protection is correct: multi-select

- A. Any routing information from an IBGP peer is advertised to the other IBGP peers
- B. Any update information received from the EBGP peer that contains its own AS number in the AS_PATH attribute is discarded via the AS_PATH attribute
- C. Non-RR BGP routers do not announce any updates from IBGP peers to other IBGP peers
- D. BGP routers do not announce any slaves The EBGP peer comes to update the information to its EBGP peer

Correct Answer: B, C

Section:

QUESTION 205

In route-policy, what are the BGP attributes that can be used for the apply clause?

- A. AS-Path
- B. MED
- C. Local-Preference
- D. Day

Correct Answer: A, B, C

Section:

QUESTION 206

BGP EVPN does MAC address advertisement, ARP message advertisement, and IRB route advertisement for which BGP EVPN route is advertised?

- A. Type3
- B. Type2
- C. Type4
- D. Type1

Correct Answer: B

Section:



QUESTION 207

The command to configure VRRP preemption delay is ?

- A. vrrp vrid 1 preempt-mode timer delay 20
- B. vrrp vrid 1 preempt-delay 20
- C. vrrp vrid 1 preempt-timer 20
- D. vrrp vrid 1 timer delay 20

Correct Answer: A

Section:

QUESTION 208

By default, huawei firewalls provide the following security areas:

- A. Trust zone
- B. Security zone
- C. Local zone
- D. Untrust Zone

Correct Answer: A, C, D

Section:

QUESTION 209

If a DR needs to be elected between multicast routers running PIM-SM to be responsible for the sending and receiving of source or member multicast data, which one is described correctly below for the DR election rule?

- A. PIM routers with long interface masks are elected dr.
- B. Compare the DR priority first; With the same priority, you need to compare the interface IP addresses of the PIM routers to elect dr
- C. PIM routers with small IP addresses are elected DR. PIM routers with low
- D. DR priority values are elected DR.

Correct Answer: B

Section:

QUESTION 210

In an intra-domain MPLSVPN network, when a packet enters the public network and is forwarded, it is encapsulated with two layers of MPLS tags, and the description of the two layers of tags in the following options is incorrect

- A. The outer label of mpls VPN is assigned by the LDP protocol or statically, and the inner label is assigned by the MP-BGP neighbor of the peer
- B. The outer label of MPLS VPN is called a private network label, and the inner label is called a public network label
- C. The outer label is used to correctly send packets to the appropriate VPN in
- D. on the PE device By default, the outer label is ejected before the packet is forwarded to the last hop device

Correct Answer: B, C

Section:

QUESTION 211

DHCPv6 servers support additional configuration information such as DNS server addresses for hosts.

- A. TRUE
- B. FALSE

Correct Answer: A

Section:

QUESTION 212

Which of the following does the digital certificate not contain?

- A. Digital envelopes
- B. Issued by
- C. Digital signature
- D. Public key information

Correct Answer: A

Section:

QUESTION 213

The following statement about the security alliance SA in IPsec is incorrect

- A. SA is uniquely identified by a triple that includes the security parametric reference SPI (Security Parameter Index), the source IP address, and the security protocol number (AH or ESP)
- B. Use the display ipsec command to view the encryption algorithm used with another IPsec peer, the traffic of interest, and so on.
- C. IPsec only supports encrypting data using symmetric encryption algorithms.
- D. A two-way SA must exist between IPsec peers to establish an IPsec VPN connection

Correct Answer: A

Section:

QUESTION 214

The following statement about RSTP root protection is correct?

- A. Turning on root protection on the root port takes effect
- B. The port that turns on the root protection receives the RST BPDU with a higher priority and will enter the error-down state
- C. It is recommended that you turn it on on a switch that is at the edge of the network
- D. After opening the root-protected port and receiving the RSTBPDU with a higher priority, if it does not continue to receive the RSTBPDU with a higher priority for a period of time, it will return to the normal forwarding state

Correct Answer: C, D

Section:

QUESTION 215

Unlike STP, RSTP has only one BPDU type, its value is 2, and there is no TCN BPDU.

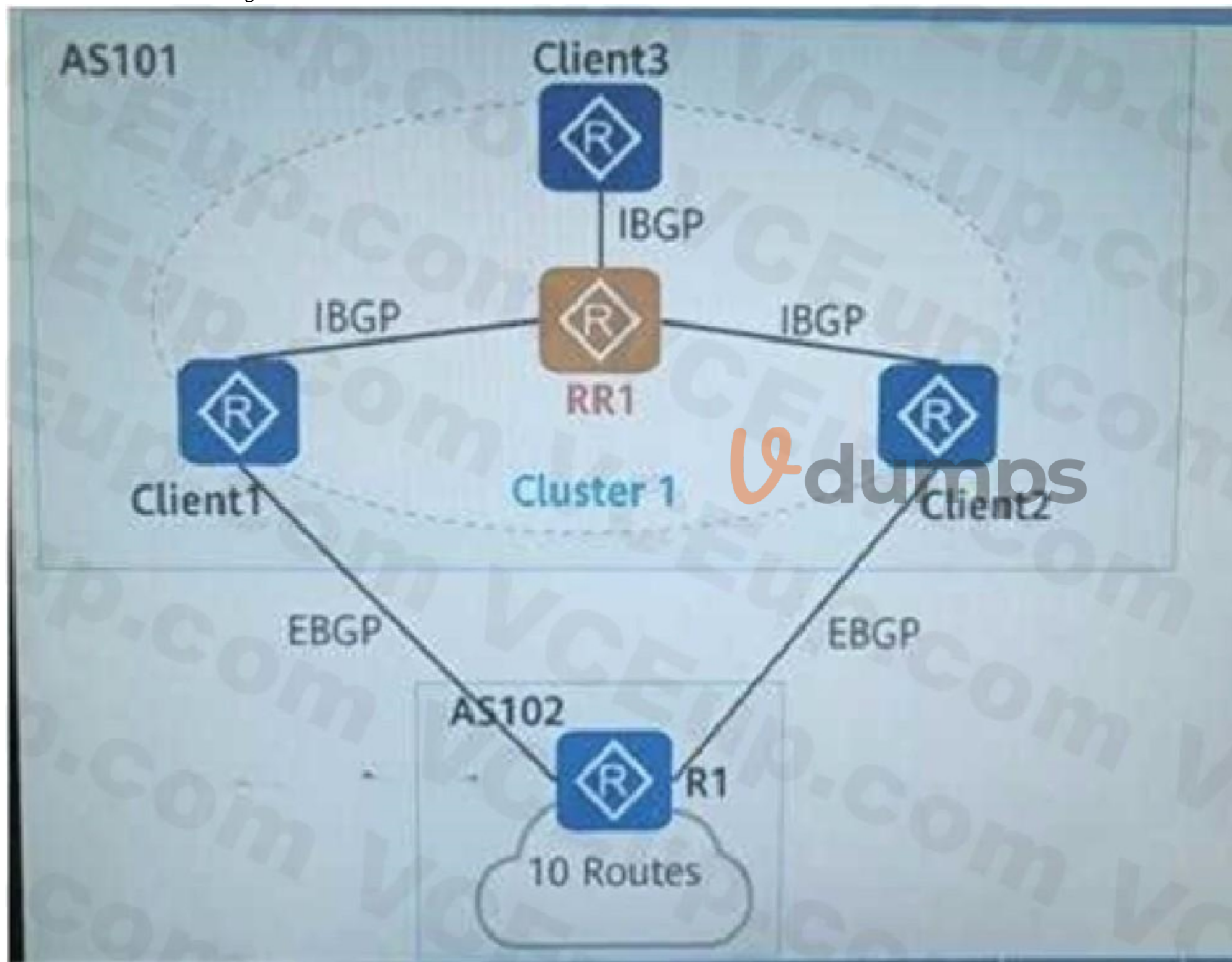
- A. TRUE
- B. FALSE

Correct Answer: A

Section:

QUESTION 216

As shown in figure, Client1, Client2 and Client3 are simultaneously clients of RR1. RR1 introduces 10 routes. It is assumed that the RGP is configured correctly. The neighbor relationship has been established, how many route entries exist in the BGP routing table of the most client3?



- A. 15
- B. 10
- C. 20

D. 1

Correct Answer: B

Section:

QUESTION 217

OSPFv3 uses the same route advertisement method as OSPFv2: advertising is done through the network command in the OSPFv3 area view.

A. TRUE

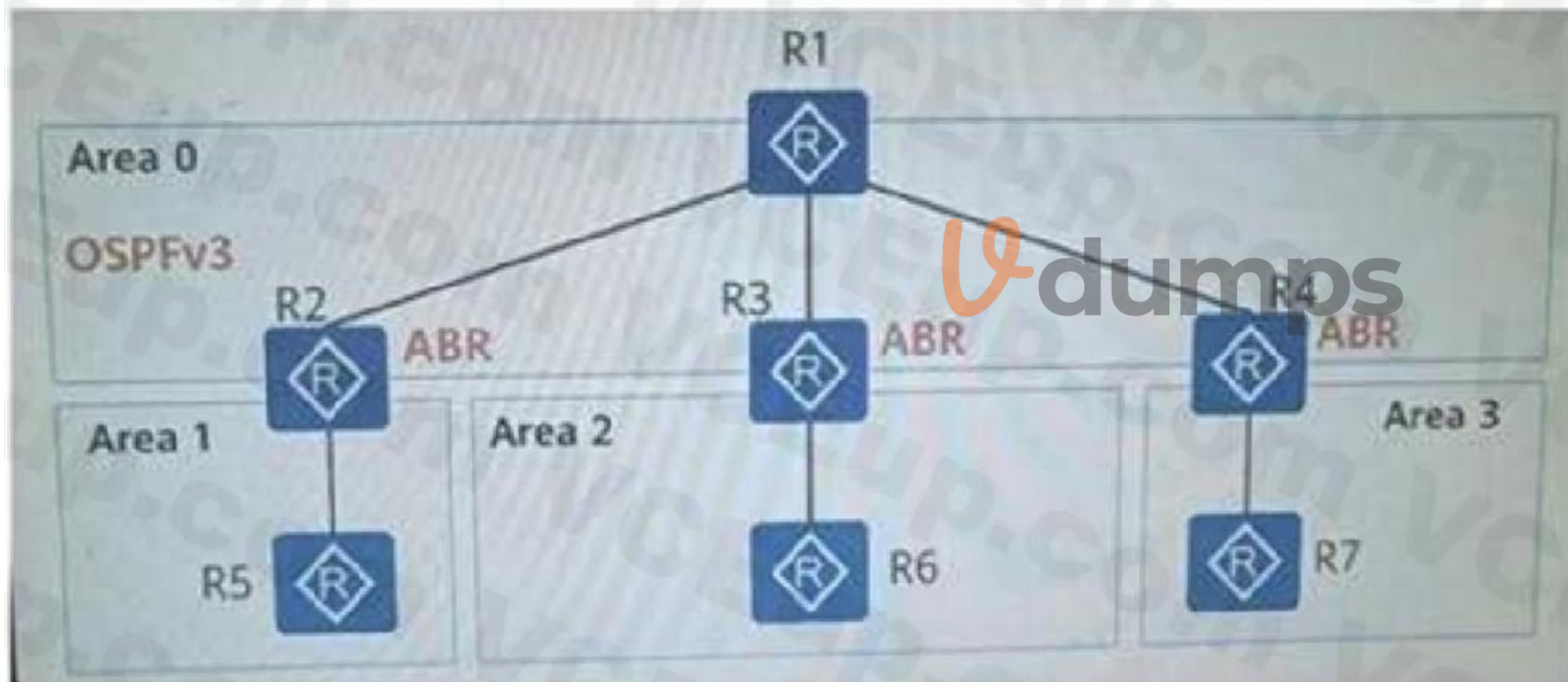
B. False

Correct Answer: B

Section:

QUESTION 218

In the topology shown in the figure. Running the OSPFv3 protocol over the entire network does not produce what type of LSA on R1 without external route introduction?



- A. Intra-Area-Prefix-LSA
- B. Inter-Area-RouterLSA
- C. Link-LSA
- D. Inter-Area-Prefix-LSA

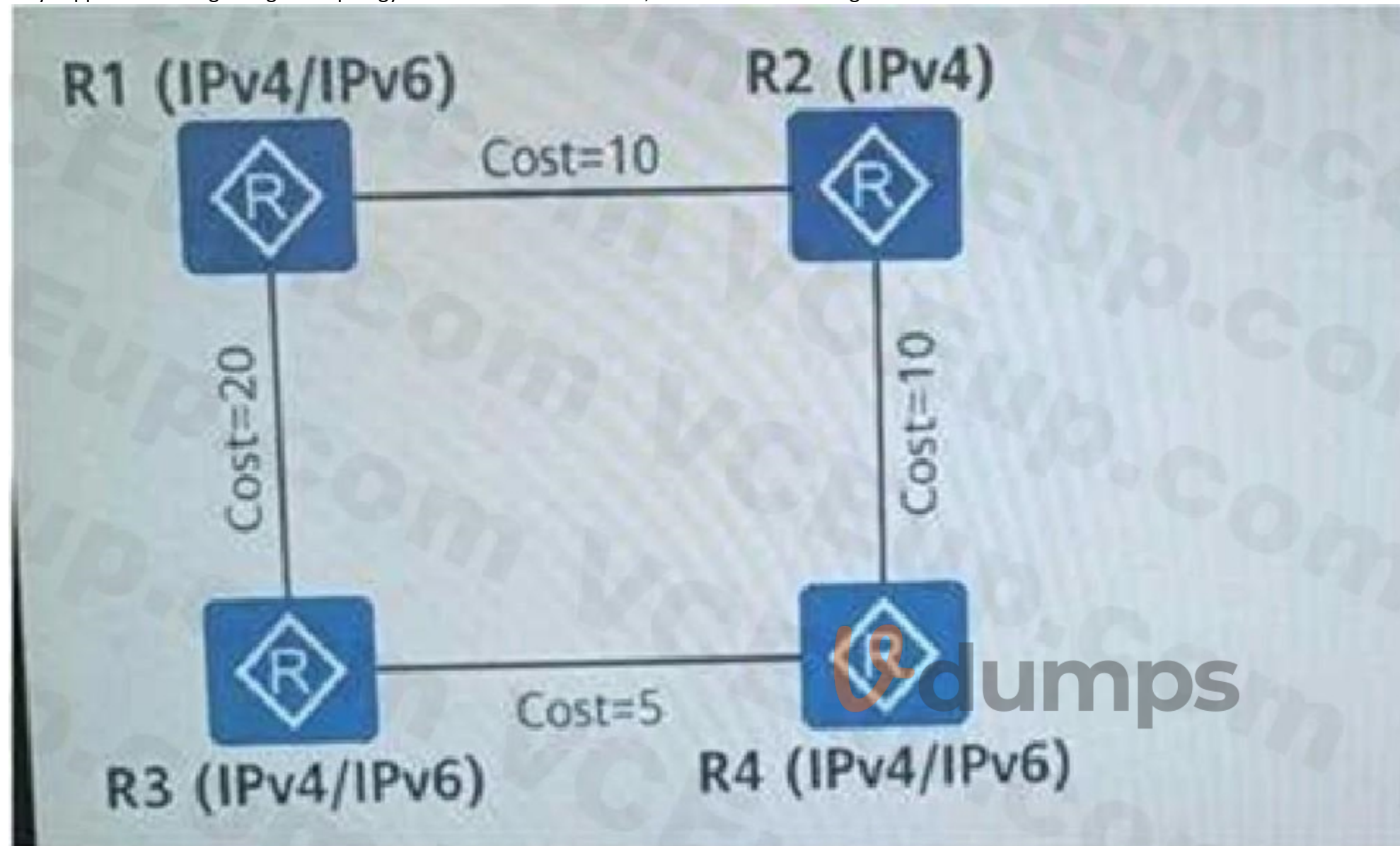
Correct Answer: B

Section:

QUESTION 219

IS-IS is a link-state routing protocol that uses the SPF algorithm for route calculations. As shown in the figure, at the same time, a certain area has IPV4 and IPV6 and runs IS-IS to achieve network interconnection, of which R2

only supports IPv4 Regarding the topology calculation of the network, which of the following statements is correct?



- A. By default, IPv6 is not supported because R2. Therefore, in the shortest path tree formed by the IPv6 network computation, the path where R1 accesses R4 is: R1-R3-R4
- B. If you want the IPv4 and IPv6 networks to compute the same shortest path tree. The IPv6-enable topology ipv6 command is required to enable the IPv6 under the IS-IS process
- C. By default, in the shortest path tree formed by the IPv6 network calculation, R1 accesses R4 as R1- R2-R4, since R2 does not support IPv6. Therefore, R2 will directly drop the IPv6 packet after receiving it, and select the traffic loss
- D. By default, IPv4 and IPv6 networks are computed separately to form different shortest path trees

Correct Answer: C

Section:

QUESTION 220

Which of the following parameters are not required when configuring BGP Peers?

- A. as-number
- B. password
- C. peer IP Address
- D. Description

Correct Answer: B, D

Section:

QUESTION 221

Link state information is isolated by default between different IS-IS processes on the same router.

- A. TRUE
- B. FALSE

Correct Answer: A

Section:

QUESTION 222

Is the following statement about the multicast address used by OSPFv3 correct?

- A. RD routers use FF02::6
- B. The DR router uses FF08::6
- C. All OSPF routers use FF02::5

Correct Answer: A, C

Section:

QUESTION 223

As shown in the figure, private network routing information is exchanged between PE1 and PE2 and their respective CE via OSPF, and the same is configured on PE1 and PE2 Domain D. When routing is introduced from BGP to OSPF on PE2, the following limited types of LSAs may be passed to E2?



- A. Type7 LSA
- B. Type5 LSA
- C. Type3 LSA
- D. Type1 LSA

Correct Answer: C, D

Section:

QUESTION 224

Is the following description of the differences between IGMP name versions correct?

- A. IGMPv1/v2 cannot elect the querier itself, while IGMPv3 can
- B. IGMPv1 does not support specific group queries, while IGMPv2 does
- C. IGMPv1/2/v3 cannot support the SSM model
- D. For members to leave, IGMPv2/v3 can actively leave, while IGMPv1 cannot

Correct Answer: B, D

Section:

QUESTION 225

A medium-sized campus network manages the network through the SNMP protocol, and the campus is highly network-safe, so which version of SNMP is recommended for management?

- A. SNMPv1
- B. SNMPv2C
- C. SNMPV3
- D. All versions are available to implement

Correct Answer: C

Section:

QUESTION 226

In a VXLAN network, traffic is connected to the VXLAN network, and it can also be used to communicate with the same subnet within the same XLAN network

- A. NVE interface
- B. VXVAN L2 Gateway
- C. VXLAN L3 Gateway
- D. VLANIF interface

Correct Answer: B

Section:

QUESTION 227

What are the problems with manually creating static VXLAN tunnels in campus networks? Multiselect

- A. Although the static VXLAN tunnel mode can support distributed gateway application scenarios, the configuration workload is large and the configuration adjustment is complex
- B. N devices to establish static VXLAN tunnels, you need to manually configure up to $N(N-1)/2$ tunnels, the amount of configuration is large
- C. VTEP can only learn remote MAC addresses in a way that relies on data flooding
- D. Static VLAN tunnel also uses related protocols on the control plane, which will cause equipment resource loss

Correct Answer: A, B, C

Section:

QUESTION 228

In the description of the MAC address spoofing attack, the error is ? Radio

- A. Mac address spoofing attacks cause the switch to learn the wrong mapping of Mac addresses to IP addresses
- B. A MAC address spoofing attack causes the data that the switch is sending to the correct destination to be sent to the attacker
- C. MAC address spoofing attacks primarily exploit the switch Mac address learning mechanism
- D. An attacker can perform a MAC address spoofing attack by sending a forged source Mac address data frame to the switch

Correct Answer: A

Section:

QUESTION 229

The following is a description of how BFD sessions are established, which is the wrong one

- A. The system distinguishes between static BFD sessions and dynamic BFD sessions by dividing the identifier area Dynamically assign this landmark identifier
- B. BFD sessions can only be established dynamically
- C. Static configuration of BFD session refers to manual configuration of BFD session parameters through the command line, including local identifiers and remote identifiers

Correct Answer: C

Section:

QUESTION 230

The DHCP protocol assigns to clients some TCPIP-related parameter information in the process DHCP defines a variety of messages that are encapsulated at the transport layer (sortic).

- A. PPP package
- B. IP encapsulation
- C. TCP Encapsulation
- D. UDP Encapsulation

Correct Answer: D

Section:

QUESTION 231

A switch joins a running stacking system after powering up, a behavior known as heap overlay.

- A. TRUE
- B. FALSE

Correct Answer: A

Section:

QUESTION 232

In the multi-level RR scenario, the first-level RR will be connected to a large number of second-level R, which may cause the BGP circuit of the first-level RR to overflow from the table Risk of R BGP routing table overflow?(Radio).

- A. ORF
- B. Route Control C. Route Aggregation
- C. Set the same Cluster-ID

Correct Answer: C



Section:

QUESTION 233

?BGP4+?,Update ???M IP_R EACH_NLRI ???next hop network address ????

- A. It can be just link-local address
- B. Can only be a link-local address
- C. You can carry a link-local address and a global unicast address
- D. at the same time Can only be a global unicast address

Correct Answer: C

Section:

QUESTION 234

The following description of Link ID, Data, Type, and Metric in Router-LSA is correct :(Multiple select).

- A. Metric describes the overhead of this connection
- B. The Link ID represents the local identity of this connection, and the different connection types The Link ID represents different meanings
- C. Data is used to describe additional information for this connection, and different connection types describe different information
- D. Type indicates the type of connection

Correct Answer: A, B, C, D

Section:

QUESTION 235

The following statement about the IS-IS protocol is incorrect?

- A. The IS-IS protocol is a link-state protocol that runs between AS
- B. The IS-IS protocol supports CLNP networks
- C. Messages for the IS-IS protocol are encapsulated directly by the data link layer
- D. The IS-IS protocol supports IP network ad

Correct Answer: A

Section:

QUESTION 236

The following statement about the OSPFv3 message format is correct?(Multiple select).

- A. There is no change in the option field of the Hello message
- B. Remove the Authentication, Auth Type fields
- C. Hello messages no longer contain address information, carrying Interface ID
- D. The OSPF version number changed from 2 to 3

Correct Answer: B, C, D

Section:

QUESTION 237



BGP authentication can prevent illegal routers from establishing neighbors with BGP routers, BGP authentication can be divided into MD5 authentication and Keychain authentication, please ask which BGP messages will be carried below

BGPKeychain authentication information?(Multiple select).

- A. Update
- B. Notification
- C. Keepalive
- D. Open

Correct Answer: A, B, C, D

Section:

QUESTION 238

MPLS is called multiprotocol label switching, and with respect to label descriptions in MPLS, the correct one is ?(Multiple select).

- A. The MPLS system has a variety of label publishing protocols, such as LDP is a label publishing protocol
- B. The label is carried by the head of the MPLS message and has a global significance, that is, the label value of all routers cannot repeat
- C. A tag is a fixed-length, locally only meaningful identifier that uniquely identifies the FEC to which a group belongs
- D. MPLS supports single-layer tags as well as multi-tier tags

Correct Answer: A, C, D

Section:

QUESTION 239

During the LDPsession setup process, the active party first sends the Initialization information to negotiate the parameters, and if the passive party does not accept the negotiation parameters, which of the following messages will be sent? < (Single select).)

- A. Hello Message
- B. Error Notification Message
- C. Keepalive Message
- D. Initialization Message

Correct Answer: B

Section:

QUESTION 240

The following description of IGMPv1 and IGMPv2 is correct?(Multiple select).

- A. IGMPv2 message types include member departure packets
- B. IGMPv2 does not support specific group queries
- C. IGMPv1 supports universal group queries
- D. The IGMPv1 message type does not contain members leaving the packet AD

Correct Answer: A, C, D

Section:

QUESTION 241

When configuring the source NAT and having no pat configuration parameters, which of the following statements is true?(Radio)

- A. Perform destination IP address and destination port translation
- B. Only source P address translation occurs
- C. Only destination IP address translation occurs
- D. Simultaneous source P address and source port translation

Correct Answer: B

Section:

QUESTION 242

After you divide an interface of the firewall into the Untrust security domain, the interface belongs to the Untrust zone and no longer belongs to the Local zone.

- A. TRUE
- B. FALSE

Correct Answer: B

Section:

QUESTION 243

The firewall has created some security zones by default, which of the following security zones does not exist by default on the firewall?(Radio).

- A. Internet
- B. Local
- C. Trust
- D. DMZ

Correct Answer: A

Section:

QUESTION 244

Which is the correct description of optimal routing election for each protocol in the following options?(Radio).

- A. Route entries in BGP that are unreachable for the next hop are also placed in the IP routing table.
In the
- B. BGP protocol, the best route to reach the same destination circumference is selected by comparing the cost values of the route entries.
- C. The OSPF protocol puts all the routing information in the LSDB into the IP routing table.
- D. From BGP and OSPF, different route entries to reach the same destination segment are learned, and the optimal route is selected to join the IP route table by comparing the protocol's preference value .

Correct Answer: D

Section:

QUESTION 245

In VXLAN scenarios, what features can be turned on to reduce flooding of ARP messages between VTEPs?(Multiple select).

- A. Host Information Collection
- B. Local ARP agent



- C. port isolation
- D. ARP broadcast suppression

Correct Answer: B, D

Section:

QUESTION 246

The following description of ISIS's routed infiltration is correct?(Multi-select)

- A. ISIS routing penetrates | Can be used in Pv6 environments.
- B. Route penetration for ISIS can be deployed on Level-1 routers.
- C. Route penetration for ISIS does not include aggregated routes.
- D. Route penetration of ISIS does not cause neighbor concussions.
- E. Route infiltration of ISIS is used to prevent routing loops.

Correct Answer: A, D

Section:

QUESTION 247

The following statement about the BFD one-arm echo function is correct (multiple choice).

- A. The BFD one-arm echo function must be configured with local identifiers and carrier identifiers
- B. The default destination IP address for the protocol message for BFD one-arm echo is 22400184
- C. After the BFD one-arm echo function is turned on, the destination IP and source IP of the BFD message are inducted
- D. BFD One-Arm Echo function is suitable for scenarios where one device supports BDD and the other device does not support

Correct Answer: C, D

Section:

QUESTION 248

The following statements about the VRRP protocol are correct (multiple choice).

- A. Both VRRPv2 and VRRPv3 support authentication
- B. VRRPv3 does not support authentication, while VRRPV2 does
- C. VRRPv2 only applies to IPv4 networks, and VRRPv3 only applies to IPv6 networks
- D. The owner of the Master IP address has a VRRP priority of 255, and all configurable priorities range from 0 to 254

Correct Answer: B

Section:

QUESTION 249

HW users are transferring a very large number of files via TFTP. What protocol does TFTP rely on for transmission?

- A. ICMP and UDP
- B. IP ?TCP
- C. UDP
- D. NFS E. FTP

Correct Answer: C

Section:

QUESTION 250

When you deploy LLQ, you need to configure bandwidth parameters, what is the significance of bandwidth parameters?(Single choice questions).

- A. Provides a built-in policer to limit the maximum available bandwidth of a low-latency queue during congestion
- B. The parameter should be as small as possible. It means that the bandwidth is always preserved, and even if the LLQ is set, changing the parameters will reduce the available bandwidth of the interface
- C. It represents a reference CIR to calculate the burst size D of the built-in tactical token bucket Changing parameters is an option because LLQ always takes precedence over other queues

Correct Answer: A

Section:

QUESTION 251

Assuming that the shaping rate of a port is 100Mbps, the input loans and RIP of P configurations of each service of the interface are as follows: Then after the first round of scheduling, EF How many loans are allocated by the queue?

(Single choice questions).

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

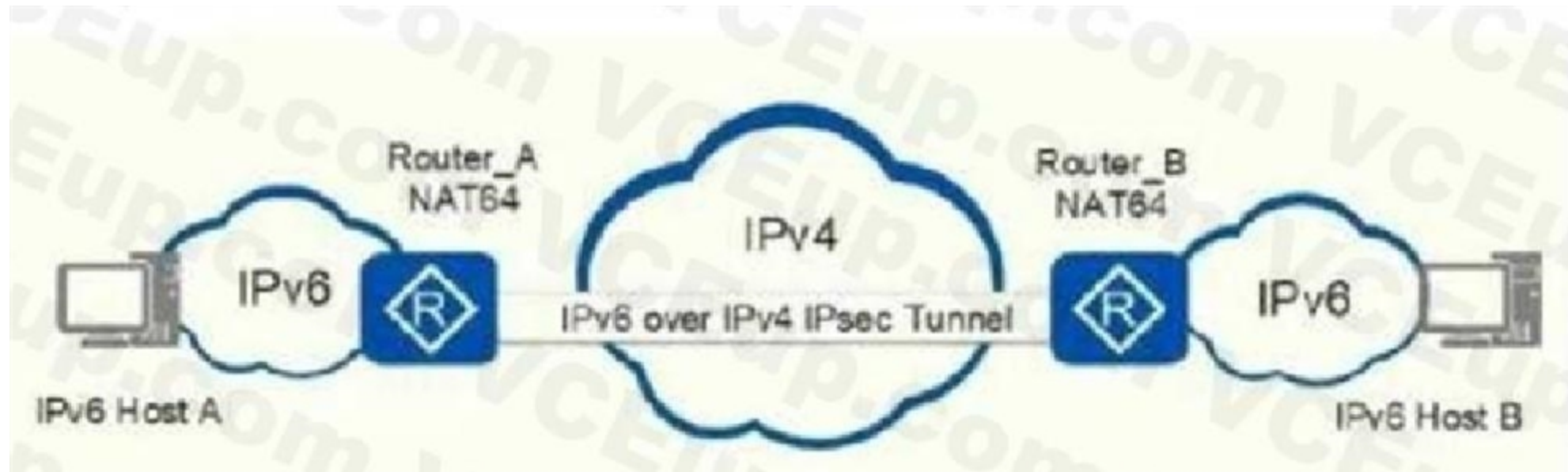
- A. A. 30M
- B. 15M
- C. 90M
- D. 25M

Correct Answer: D

Section:

QUESTION 252

As shown in the figure, there are two IP6 networks that can access the IPv4 network, and the IPsec tunnel needs to be established between the two IPv6 networks to communicate, which of the following requirements?(Single choice questions).



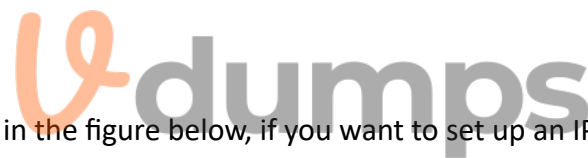
- A. ESP + tunnel mode
- B. AH + transmission mode
- C. AH + tunnel mode
- D. None of the above options are correct

Correct Answer: A

Section:

QUESTION 253

Router HW1 and Router HW2 connect Network A and Network B, respectively. As shown in the figure below, if you want to set up an IPsec VPN between router HW1 and router HW2. (single selection).



- A. rule permit ip source 1921681.10 destination 1921681.20
- B. rule permit ip source 101.1.0000255 destination 1921681.20
- C. rule permit ip source 101.1.0000255 destination 101.20000255
- D. rule permit ip source 1921681.10 destination 101. 20000255
- E. rule permit ip source 101.20 000255 destination 101.1.0000255

Correct Answer: C

Section:

QUESTION 254

Which of the following options is described correctly for the assertion mechanism?(Radio).

- A. Winner's election process does not make IP address size a condition of the election
- B. In the assertion mechanism, the winner is responsible for forwarding multicast data to the broadcast segment

- C. The assertion mechanism is used for the election of DR
- D. In the assertion mechanism, the loser will shut down the interface with the broadcast network necklace

Correct Answer: B

Section:

QUESTION 255

The BSR/RP mechanism described below describes the correct determination ?(Multiple choice questions).
There can be multiple C-BSRs in the

- A. PIM-SM domain, but only one BSR can be elected.
- B. BSR collects C-RP information by receiving packets of C-RP
- C. BSR advertises BSR and C-RP information to all routers in the PIM-SM domain via flood bootstrap messages
- D. A C-BSR can also collect C-RP information by receiving C-RP packets

Correct Answer: A, B, C

Section:

QUESTION 256

The following description of LDP reliability is incorrectly ?(Radio).

- A. LDP GR takes advantage of the high difference between the LS forwarding plane and the control plane to realize that the device forwards without interruption when the protocol is restarted or the master-standby is reversed
- B. Manually configured LDP FRR policies default to 32-bit backup routes that trigger LDP to establish backup LSPs
- C. LLDPFRR also allows LSPs to be generated for tag mappings from non-optimal next hops, and as a live LSP backup, supervising forwarding table entries
- D. LDP and IGP linkage, the need for IGP has been routed to release, to ensure that LDP and LDP path consistent

Correct Answer: B

Section:

QUESTION 257

Regarding the LDP protocol session establishment process, the description is correct?

- A. When both parties receive a keepalive message from the peer, the LDP session is successfully established
- B. Hello messages discovered by LDP neighbors use TCP messages with a destination address of multicast address 224.0.0.2
- C. After the TCP connection is successfully established, the active party sends an initialization message to negotiate the relevant parameters of the LDP session,
- D. The party with the larger transmission address initiates the establishment of a TCP connection as the active party

Correct Answer: A, C, D

Section:

QUESTION 258

RD is used to distinguish between the same IP address in different VPNs, and how many bits (radio) the RD contains

- A. 64
- B. 32
- C. 16

D. 128

Correct Answer: A

Section:

QUESTION 259

LDP and IGP linkage refers to the release of IGP and TD routes to ensure that LDP and IGP linkage complete network efficiency, so that KGP and LDP maintains a consistent path, minimizing traffic loss, thereby improving the reliability of the entire network.

A. True

B. False

Correct Answer: A

Section:

QUESTION 260

Regarding the MPLS handling mode of TTL, the following description is correct?

A. Pipe mode. When an IP message passes through an MPLS network, the IPTTL minus 1 at the entry point is mapped to the MPLS TTL field

B. MPLS tags in the TTL, which mean the same as the TTL domain in the IP header. TTL prevents mpLS networks from creating routing loops

C. In Unifor mode, when an IP message passes through an MPLS network, the inbound IPTTL is minus

D. The MPLSTTL field is a fixed value

E. In MMLSVPI, if you need to hide the structure of the MPLS backbone network, you can use the Uniform mode on Ingress for private network messages

Correct Answer: B

Section:

QUESTION 261

In a network in MPLSVPN, different CE devices can exchange routing information with the same PE device using different routing protocols, and different CE devices can exchange routing information with the same PE The routing protocols used between devices are independent of each other

A. True

B. False

Correct Answer: A

Section:

QUESTION 262

In OSPFv3, Router-LSA is generated by each router, which describes the interface address and cost of the router's links, as well as the RouterID of the neighbor router.

A. True

B. False

Correct Answer: B

Section:

QUESTION 263

What is the relationship between CIR, BC, and TC?

- A. $CIR=TC/BC$
- B. $CIR=BE/TC$
- C. $TC=CIR/BC$
- D. $TC=BC/CIR$

Correct Answer: D

Section:

QUESTION 264

WRED is configured on the newly deployed router HW The following description of the WRED feature is correct as ?(Multiple select).

- A. WRED can set different drop thresholds and packet loss rates for packets of different priority
- B. When traffic exceeds the minimum threshold, WRED starts dropping all ingress traffic (tail drops).
- C. Avoid global synchronization by selectively dropping multiple TCP streams Low-bandwidth traffic is easier to drop than high-bandwidth traffic

Correct Answer: A, C

Section:

QUESTION 265

Regarding the FTP protocol, which of the descriptions below is correct?

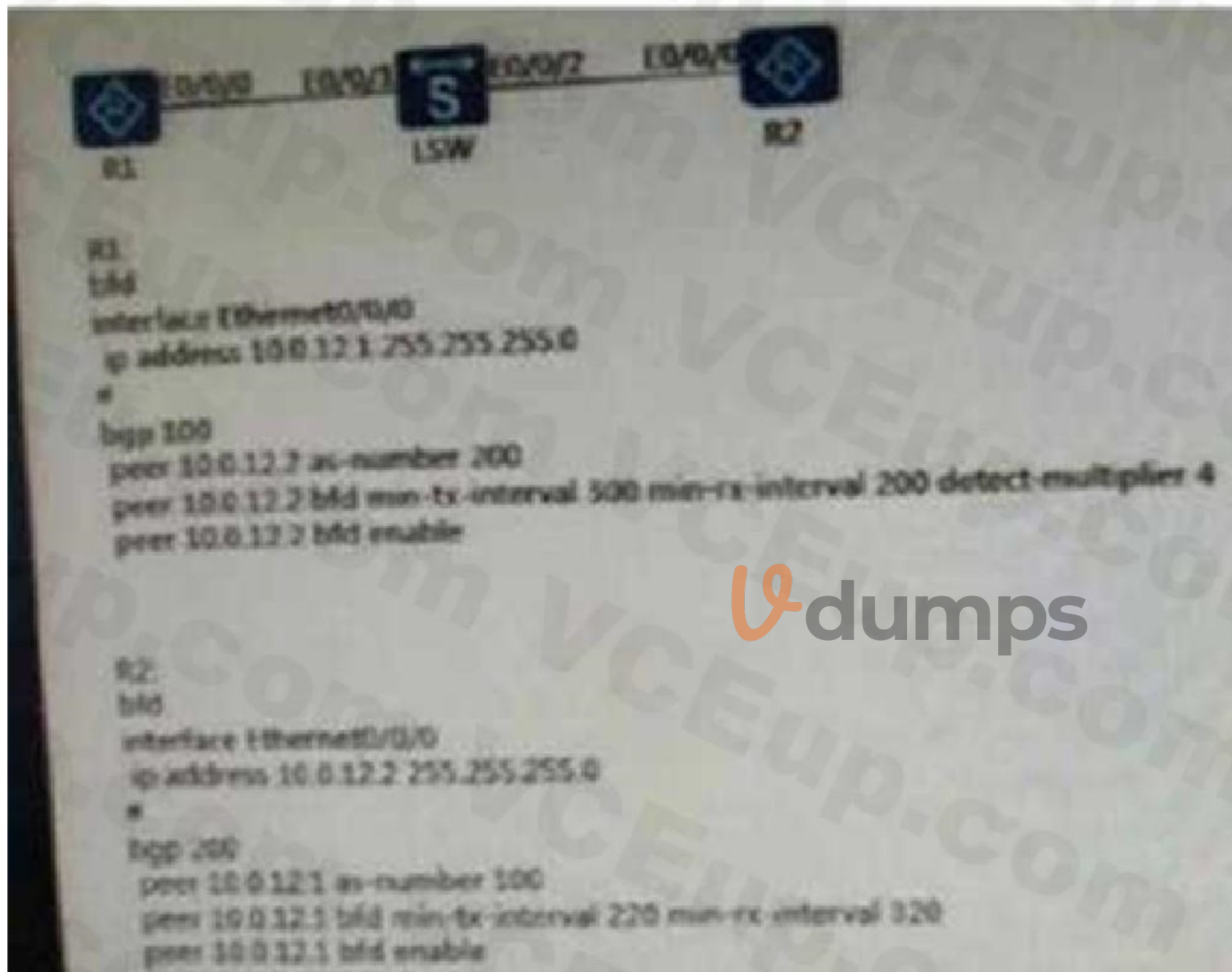
- A. In FTP Passive mode, the client completes the initialization of the TCP session for control and data
- B. In FTP Active mode, the server tells the client which port it expects to send data on by commanding "PORT"
- C. FTP always uses a TCP session to transmit control information and data information
- D. FTP always uses TCP port 20 to establish a data session, and ICP port 21 to establish control will always use E. FTP TCP port 21 to establish a data session, TCP port 20 to establish a control session

Correct Answer: A

Section:

QUESTION 266

As shown in the figure,



R1, R2 establishes an EBGP neighbor and turns on the BFD detection function, the following statement is correct

- A. Detection time for BFD packets for AR2 800ms
- B. R1 Detection time for BFD packets for 1280ms
- C. R1 Detection time for BFD packets The detection time for BFD packets for 660ms
- D. R2 is 600ms

Correct Answer: C

Section:

QUESTION 267

In the use of the LACP protocol, the following description is correct ?(Multiple select).

- A. You can avoid the Eth-Trunk interface from frequently shaking interface eth-trunk 1 lACP preempt enable lACP preempt delay delay-time with the following command
- B. Source IP address load sharing, interface eth-trunk1 Load-balance src-dst-ip, can be configured in an enabled link aggregation group with the following command
- C. The member interface can be removed from an enabled link aggregation group with the following command: interface GigabitEthernet0/0/1 Shutdown nterface GigabitEthernet0/0/1 undo eth-trunk interface GigabitEthernet0/0/1 undo shutdown
- D. A chain cluster that can be initiated through an order Join the member interface :interface GigabitEthernet0/0/1 shutdown interface GigabitEthernet0/0/1 tunkport GigabitEthernet0/0/1 interface GigabitEthernet0/0/1 Undo shutdown

Correct Answer: A, C

Section:

QUESTION 268

The following statement about the ISIS protocol LSP message is correct

- A. LSP fast diffusion feature, first diffuse less than the specified number of LSPs, to speed up the synchronization process of LSDB
- B. By configuring an LSP-generated smart timer, the timer automatically adjusts the delay time based on the frequency of changes in routing information
- C. When the link status information increases, the message length of the LSP can be increased so that each LSP can carry more information.
- D. Reducing the minimum time interval for sending LSPs per port can speed up the diffusion of LSPs.

Correct Answer: A, B, C, D

Section:

QUESTION 269

Router R1 and Router R2 run BGP both routers are in the AS65234 The router R2 route is present in the BGP routing table of router R1, but not in the P of router R2 road

- A. With BGP, both routers are in the AS65234 Route cry PD is done by the right big worker
- B. By the table, so what causes the problem to occur? A, synchronization is turned off
- C. The B. BGP neighbor relationship is Down
- D. Router R1 does not enable BGP Multi-hop D Routing is not optimal

Correct Answer: D

Section:

QUESTION 270

As shown in the following figure, R1 and R2 establish a neighbor relationship for Level2, which is critical: placed as follows, then the following about The route entry for R2 is correct




```

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. The 0:/64 router appears in the IP routing table
- B. 2022:/64 Routers appear in the IP routing table c.2019::/64 Routers appear in the P routing table
- C. 2021-:/64 Router will appear in the P routing table

Correct Answer: A, B, C

Section:

QUESTION 271

Regarding the OSPFv3 protocol, the following description is incorrect?

- A. In the case of sharing a single router, each OSPFV3 process runs independently
- B. In the same OSPFV3 process under the same interface, you can run multiple instances of
- C. You can support running multiple instances on a single link
- D. OSPFV3 message header will contain the Instance ID field

Correct Answer: B

Section:

QUESTION 272

The following is correct about the LSA of OSPFv3

- A. The Link State ID of inter-area prefix-LSA, which contains prefix information
- B. Router-LSA and Network-LSA do not contain routing information
- C. When the Referenced Link State Type-2 of the Intra-AreaPrefixLSA, referenced Link State ID Contains the interface ID of the DR
- D. Inter-Area PrefixLSA also contains LinkLocal Information

Correct Answer: B, C

Section:

QUESTION 273

Router HW enables OSPF and router HW has the role of ABR and is configured with abr-summary, so which class LSA Will it be aggregated?(Multi-select) (confirmed).

- A. 1 ?LSA
- B. 2 ?LSA
- C. 3 ?LSA
- D. 4 ?LSA
- E. 5 ?LSA

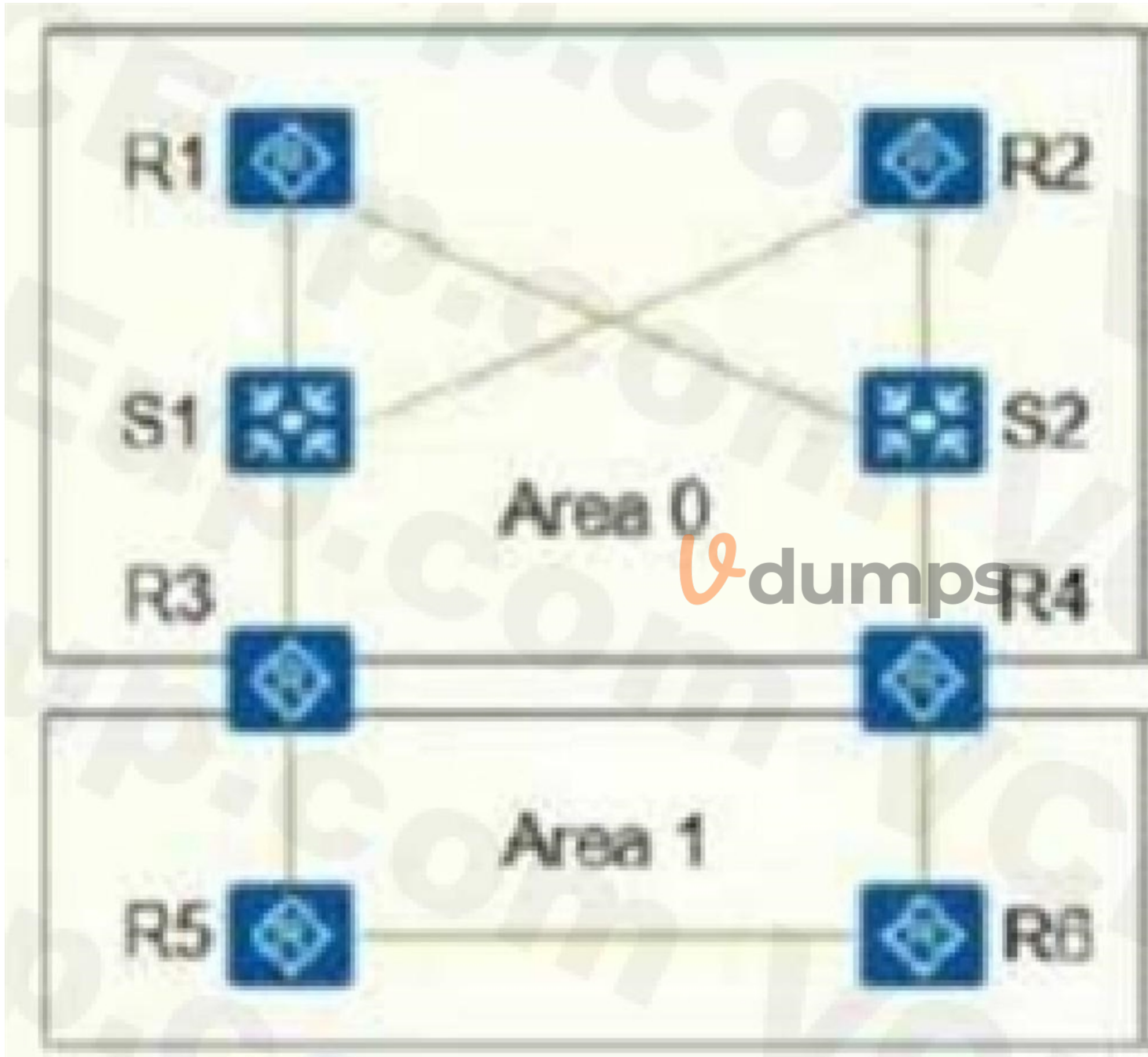
Correct Answer: A, B

Section:

QUESTION 274

As shown in the figure, a company sets up an OSPF network. The links in the figure all form OSPF adjacencies, and all OSPF devices declare their own loopback addresses. One day SIR2 The two links of the S2AR1 suddenly failed, and in order to detect if the network was operating properly, the engineers performed a device status check, which is correct as described below





- A. R5 can normally learn the loopback route to R2
- B. R3 can not learn the loopback route to R2

- C. R1 can normally learn the loopback route
- D. R3 of R2 The loopback route of R2 can be learned normally

Correct Answer: A, B

Section:

QUESTION 275

The interface Serial0 of an existing router is in OSPF area 1, and the interface Serial0 is set to Silent interface. So what kind of impact will this setting have

- A. OSPF establishes available adjacencies through this interface
- B. OSPF does not add routes learned from the interface to the local routing table
- C. OSPF does not establish any neighboring relationships through this interface
- D. OSPF receives routing updates from neighbors

Correct Answer: C

Section:

QUESTION 276

The Option field in OSPFv3 appears in all LSAs

- A. True
- B. False

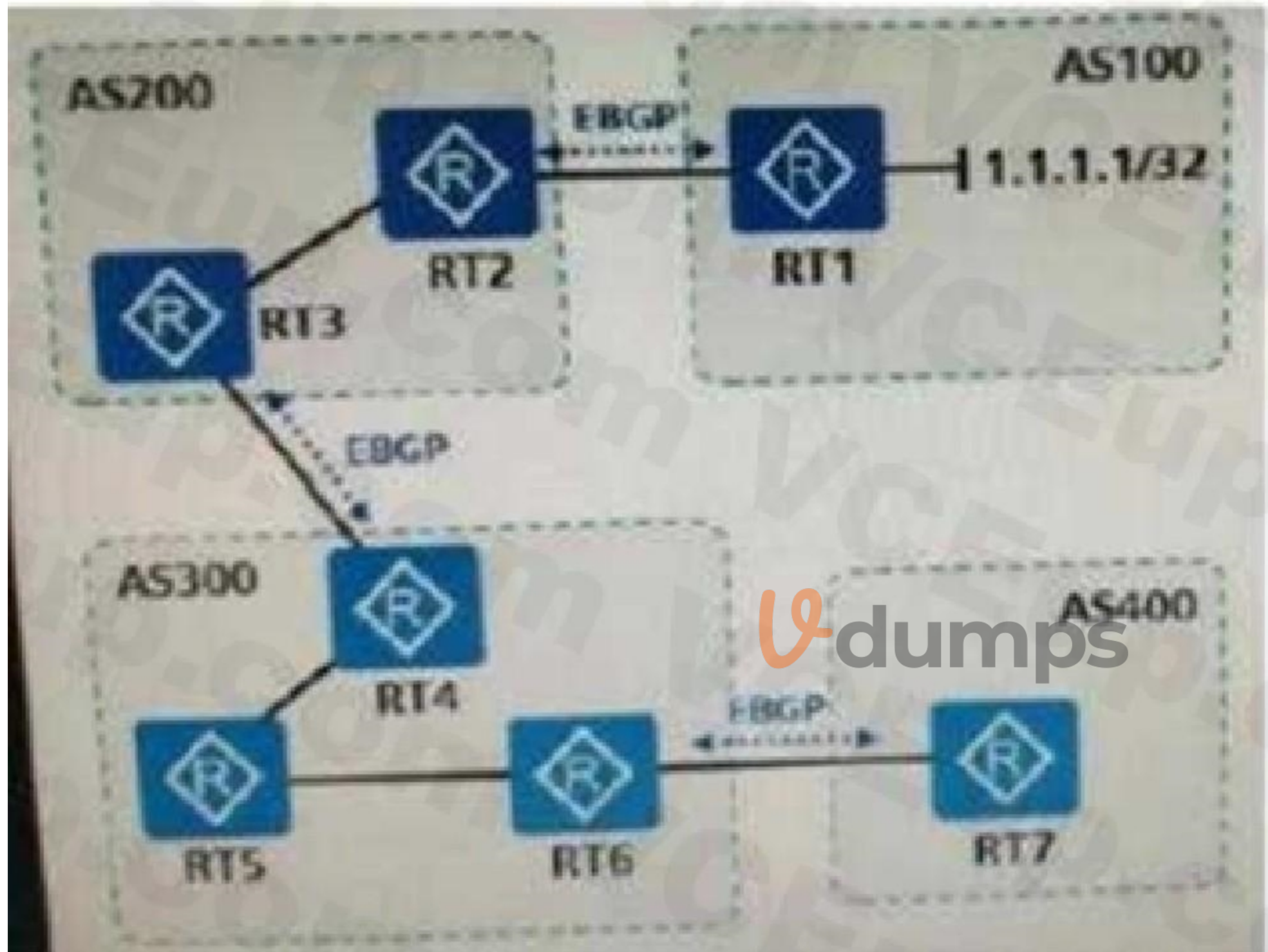
Correct Answer: B

Section:

QUESTION 277

As shown in the following topology, EBGP is running between AS1000, AS.203, AS.30, AS8400, and the neighbor relationship has been established as RECEIVED by AS400 When AS100 issues a 1..11/2 CIDR segment BGP route, the path order recorded in the ASPath attribute is correct





- A. 10,200,3
- B. 400,300,200,100
- C. 100,200,300,400
- D. 300,200,100

Correct Answer: D

Section:

QUESTION 278

What kind of scenario can use AS-path-filter?(Multiple select).

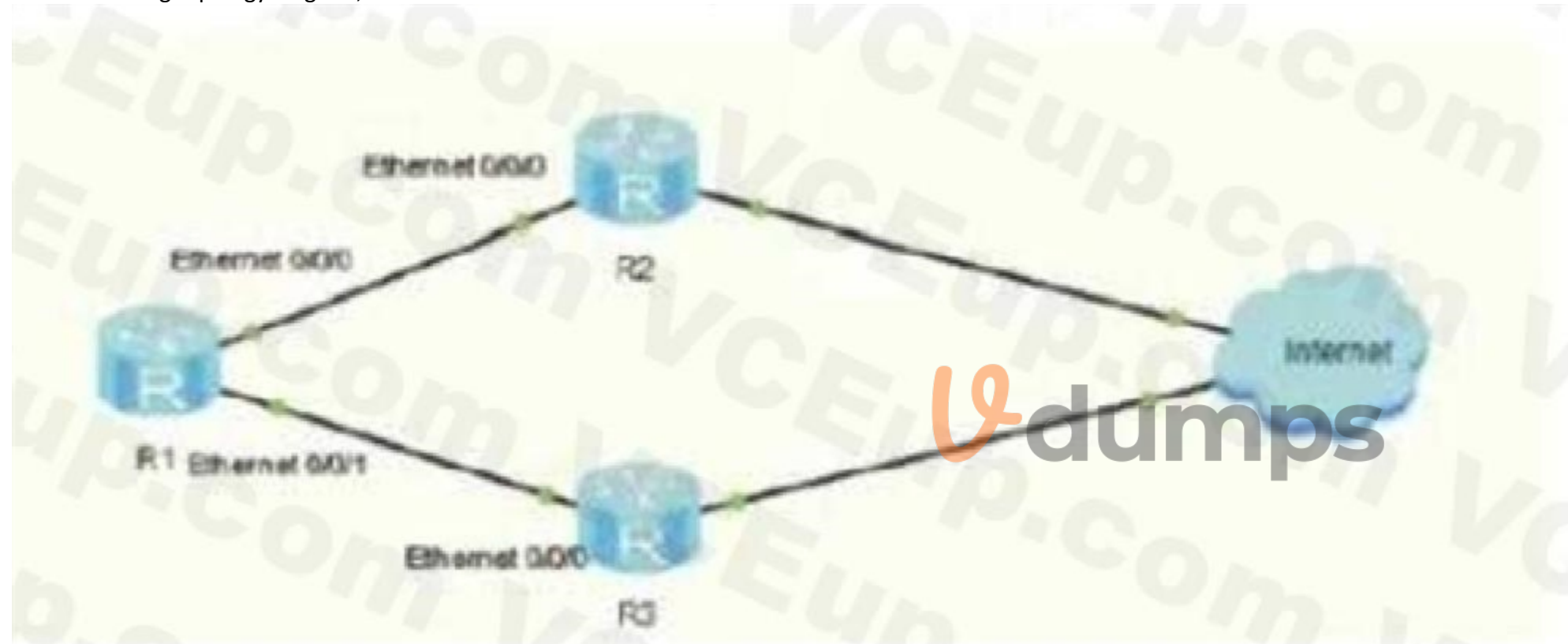
- A. A Filters routes received from BGP neighbors based on the AS PATH attribute carried by the route, such as the command peer X.x.x.x as path-filter import
- B. The apply clause in Route policy
- C. Filter routes sent to BGP neighbors based on the AS PATH attribute that the route carries. For example, the command peer x.x.x.x as path-filter export
- D. The if-match clause in Route-policy

Correct Answer: A, C, D

Section:

QUESTION 279

In the following topology diagram,



R1 can be established between R2 and R3 fetches the Internet, R1 and R2, R1 and R3 EGP connections, R2, R3 belong to the same AS The default routes are issued through BGP separately, requiring R2 to be preferred for traffic accessed by R1 to the Internet, and the following practices can be achieved

- A. R1 specifies that peer R3 sets the MED property to 150 in the import direction
- B. R2 specifies that peer R1 is in export The direction setting local priority is 150
- C. R2 specifies peer R1 in the export direction setting MED property to 150
- D. R1 specifies the peer R2 sets the local priority in the import direction to 150

Correct Answer: A, D

Section:

QUESTION 280

The existing router HW1 running BGP is configured with both IBGP neighbors and EBGP tenants. The following descriptions about IBGP Neighbors and EBGP Neighbors are correct?

- A. The router will have an EBGP BGP neighbor from it must be connected directly, otherwise, IBGPMulti-hop must be configured
- B. The router sends BGP updates learned from its EBGP neighbors to its other IBGP neighbors and EBGP neighbors

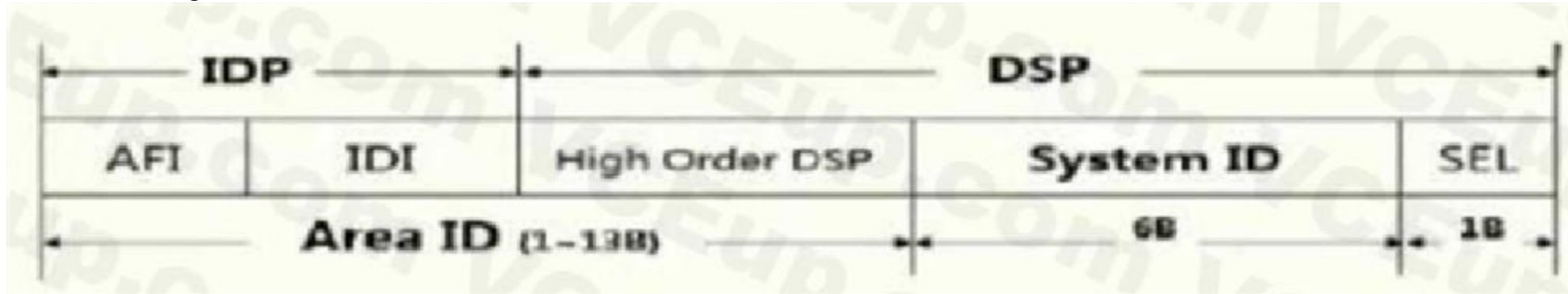
- C. IBGP neighbors can establish neighbor relationships through the Loopback interface
- D. The router sends BGP updates learned from its IBGP neighbors to its other IBGP neighbors and EPGP neighbors
- E. EBGP neighbors must be directly connected, otherwise, EBGP-Multi-hop must be configured with

Correct Answer: B, C, E

Section:

QUESTION 281

As shown in the figure,



always valued as 00?

in the context of IPv4 and IPv6, the SEL field in the NET address of the ISIS is

- A. True
- B. False

Correct Answer: A

Section:



QUESTION 282

In an IPv6 network, two nodes A and B are neighbors to each other if node A sends to node B NS message, if Node B receives the message and then replies to the NA message, then on Node A On the view, the neighbor status will be marked as What?

- A. Reachable
- B. Incomplete
- C. Constant
- D. Probe Answer

Correct Answer: A

Section:

QUESTION 283

In an MPLS BGPVPN environment, if tags are distributed only through BGP and LDP, the MPLS tags of the message can be up to two layers of tags

- A. True
- B. False

Correct Answer: A

Section:

QUESTION 284

Off-stem cross-domain VPN-Option B scenario, the following description is incorrect?

- A. During the packet forwarding process, it is necessary to exchange the VPN's private network LSP on the
- B. two ASBRs IP-EBGP neighbor relationships.
- C. The cross-domain VPN-Option B scheme is not limited by the number of interconnection links between ASBRs
- D. The outer layer tag is exchanged between two ASBRs to vpnV4 routes.

Correct Answer: D

Section:

QUESTION 285

Huawei's two switch SWA, SWB is connected together through 7 Ethernets, and static route aggregation is configured, and the corresponding ports on the switch SWA are E1/0/1, E1/0/2, E1/0/3, E1/0/4, E1/0/5, E1/0/6, E1/0/7, configured sequentially as if switch SWA, SWB Each aggregation group supports only 6 ports.

- A. With the same configuration across ports, the Ethernet 1/0/7 port is the aggregate group Unselected port
- B. With the same configuration of each port, the Ethernet 1/0/6 port is the aggregate group Unselected port
- C. With the same configuration of each port, SWA randomly selects one of the 7 ports as the aggregate group Unselected port
- D. With the same configuration of each port, the Ethernet1/0/1 port is the aggregation group Unselected port

Correct Answer: A

Section:

QUESTION 286

What command can be used to prevent users from accessing multiple devices through the HUB on the switch's access port?(Radio).

- A. [Huawei interface GigabitEthernet0/0/1][Huawei-GigabitEthernet0/0/1]port link-type trunk [Huawei-GigabitEthernet0/0/1]port trunk allow pass vlan 10
- B. [Huawei interface GigabitEthernet0/0/1][Huawei-GigabitEthernet0/0/1]port link-type access [Huawei-GigabitEthernet0/0/1]port access enable
- C. Huawei interface GigabitEthernet0/0/1Huawei-GigabitEthernet0/0/1port link-type access Huawei GigabitEthernet0/0/1port-security enable
- D. [Huawei interface GigabitEthernet0/0/1 (Huawei-GigabitEthernet0/0/1)port link-type access (Huawei-GigabitEthernet0/0/1)port isolate enable

Correct Answer: C

Section:

QUESTION 287

Router RL runs the OSPF protocol and uses the display ip routing-table command to view the router RL's routing table , the following information about OSPF in the routing table is described correctly as ?

- A. In the routing table, the routing table entries identified by the OSPF identifier can only be learned through the 3 types of LSAs to
- B. In the routing table, used The 'OSPF' identifier identifies a route table entry that can only pass a Type 1 LSA
- C. In the routing table, the routing table entries identified with the 'OSPF identifier' can be learned through the 1/2/3/5 LSA to
- D. In the routing table, Route table entries identified with the "O_ASE identifier can only be learned through routing introduction

Correct Answer: D

Section:

QUESTION 288

Regarding the BGP ring protection mechanism, the following description is correct?

- A. A AS_PATH attribute is used between autonomous systems to prevent ring cats.
- B. The Cluster List property is used for reflector cluster inner ring defense, and the router finds that the Cluster List of route entries contains its own Client ID The route is rejected
- C. Routes learned from IBGP are not advertised to IBGP neighbors and are used to prevent routing loops inside the AS
- D. You can use the AS_CONFED_SET attribute to prevent loops within a consortium:

Correct Answer: A, C, D

Section:

QUESTION 289

Regarding route Policy, the following description is correct as ?(Multiple selection) Multiple selection

- A. Advanced ACLs can be applied in route-policy to filter routes
- B. The table entry exceed::0 less-equal 128 indicates that all IPv6 routes are allowed through
- C. If more than one node is defined in Route-policy, at least one node in each node should have a matching pattern of permit
- D. Route-Policy can filter only the default route

Correct Answer: B, C, D

Section:

