Huawei

H12-261
HCIE-Routing & Switching (Written)

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Question: 1

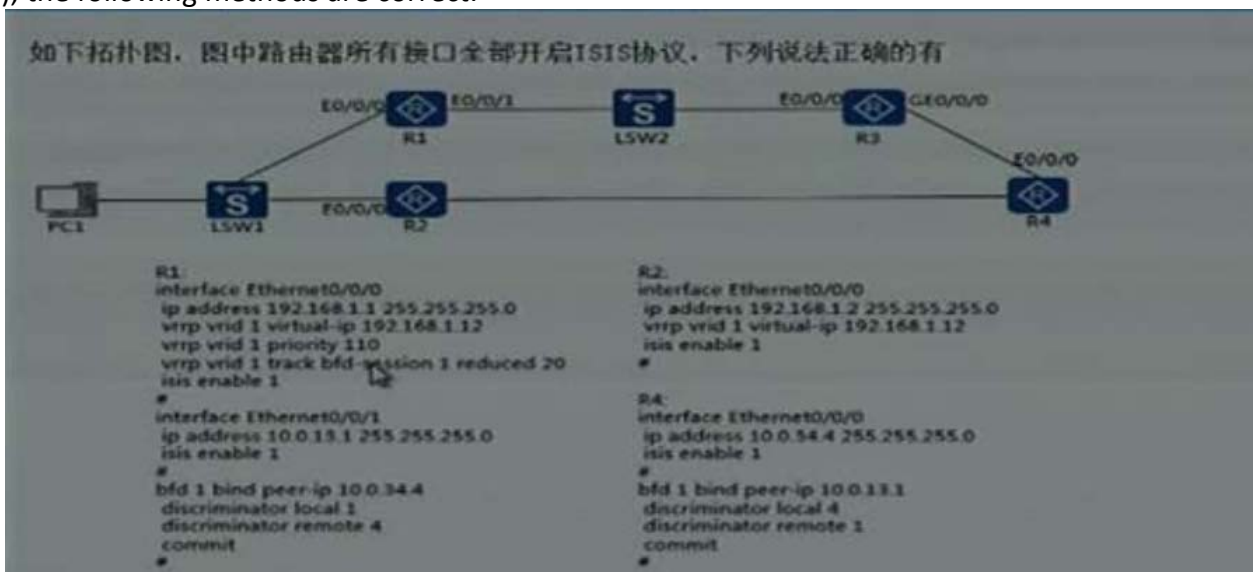
Which type of pre-announcement advertises its own BGP IBGP (the prefix to the neighboring fake router is not configured with a route reflector)?

A. The former is the EBGP RR neighbors, or the previous ones
B. Previously passed other BGF network neighbors, or previously localized or routed to learn
C. Previously passed other IBGP EBGP neighbors, or formerly learned from the neighboring habits, or the previous introduction of the routing
D. Presences existing in routing shows
E. Before being acquainted with EBGP network, or before being localized or routed.

Answer: E

Question: 2

In the following topology diagram, all the interfaces of the router are all open. Figure ISIS ( ), the following methods are correct.



A. If the interface is then R3 GE0/0/0 down, R2 master is the device
B. If the interface is , then it will become R3 Ethernet 0/0/0 down R2 master as device
C. If the interface is , then it will become R1 Ethernet 0/0/0 down R2 master as device
D. If the interface is , then it will become R1 Ethernet 0/0/1 down R2 master as the devicec

Answer: A,C,D

Question: 3

In the network, IPv6 A B A B NS B NA , two nodes and neighbors are neighbors. If the node sends a message to the node, if the node receives the message, it will reply. The news, look at the point on the section A, what status will be the status of the neighborhood?

A. Reachable
B. Stale
C. Probe
D. Incomplete

Answer: A

Question: 4

Regarding the OSPF Stub NSSA protocol area and area, the following method is incorrect.

A. Stub Type 5 LSA, NSSA Type 5 LSA area is not allowed to be injected, and the area is allowed to be injected.
B. Stub NSSA Type 3 LSA areas and areas are allowed to be injected.
C. Stub NSSA Type 4 LSA areas and areas are not allowed to be injected.
D. Stub Type7 LSA, NSSA Type7 LSA area is not allowed to be injected and the area is allowed to be injected.

Answer: A

Question: 5

What is the relationship between CIR BC TC and ?

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

Answer: D

Question: 6

If there are multiple receiver groups in a broadcast, IGMP-Snooping, manages the switcher on the receiver's switch. When the receiver changes from the switch
After receiving the general post-query query group query report, how many recipients should return

A. All recipients will respond to the Report message.
B. Only if it is running, all receivers will return to the IGMPv1 Report response message.
C. When the first recipient of the louder response time is sent, the report is sent, and the other recipients are not sent.
D. Only if it is running, all receivers will return to the IGMPV2 Report response message.

Answer: A

Question: 7

HTTP TCP TCP Flood The HTTP Flood protocol is based on , so you can use the attack defense method to defend against attacks.

A. Error
B. Correct

Answer: A

Question: 8

Compared with IGMPv1 IGMPv2 ( ), what changes have been made? Multiple selection

A. Added specific text query
B. Added a separate report
C. Increased the maximum response field.
D. Added specific source query report

Answer: A,B,C

Question: 9

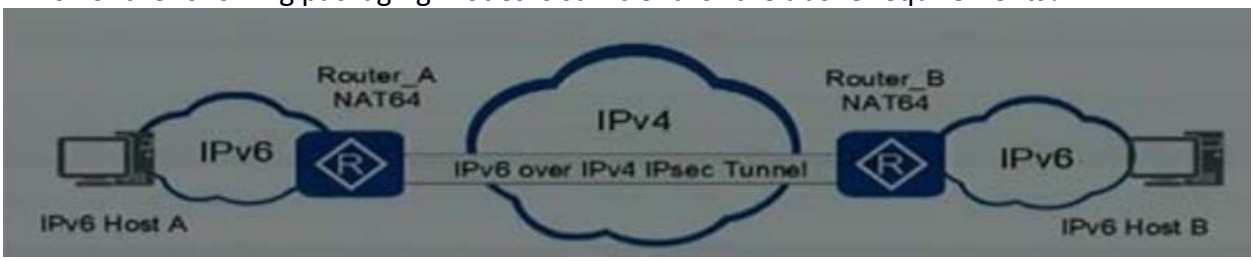
When the router is running on the same OSPFv3 ISIS OSPFv3 ISIS and the routes that need to be imported, the following types of import configurations are correct. selected)

A.
[Huawei] isis 1
[Huawei-isis-1] is-level level-1
[Huavvei-isis-1] network-entity 47.0001.0000.0000.0002.00
[Huawei-isis-1] ipv6 enable topology standard
[Huawei-isis-1] ipv6 import-route ospfv3 1 level-1
[Huawei-isis-1] quit
[Huawei] ospfv3 1
[Huaweiospfv3-1] router-id 2.2.2.2
B.
[Huawei] isis 1
[Huawei-isis-1]is-level level-1
[Huavvei-isis-1] network-entity 47.0001.0000.0000.0002.00
[Huawei-isis-1] ipv6 enable topology standard
[Huawei-isis-1] ipv6 import-route ospfv3 1
[Huawei-isis-1] quit
[Huawei] ospfv3 1
[Huawei-ospfv3-1] router-id 2.2.2.2
C.
[Huawei] isis 1
[Huavvei-isis-1] network-entity 47.0001.0000.0000.0002.00
[Huawei-isis-1] ipv6 enable topology standard
[Huawei-isis-1] ipv6 import-route ospfv3 1 level-1
[Huawei-isis-1] quit
[Huawei] ospfv3 1
[Huaweiospfv3-1] router-id 2.2.2.2
D.
[Huawei] isis 1
[Huavvei-isis-1] network-entity 47.0001.0000.0000.0002.00
[Huawei-isis-1] import-route ospfv3 1
[Huawei-isis-1] quit
[Huawei] ospfv3 1
[Huawei-ospfv3-1] router-id 2.2.2.2

Answer: A,C

Question: 10

As shown in the figure, there are two diagrams. IPv6 IPv4 IPv6 IPSEC network can access the network, and the same two time networks need to establish inter-network tunnel communication.
Which of the following packaging modes is sufficient for the above requirements?



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

Answer: A

Question: 11

The following description of the MPLS error?

A. LDP MP-BGP 16-1023, etc. The null of the signaling is dynamic protocol label
B. MPLS 20 tag length is bit, used for message forwarding
C. Adopt mode mode Pipe TTL IP MPLS IP TTL MPLS When the message is transmitted on the network, the value of the message is only at the in and out points.
Subtraction 1
D. MPLS S 1 supports multiple nested layer labels, and the innermost layer label is value

Answer: A

Question: 12

There are two Community-filters
Ip Community-filter 1 permit 100: 1 200:1
Ip community-filter 2 permit 100: 1

Ip Community-filter 2 permit 200:1
What is correct about the above description is Community-filter?

A. The route will match only if BGP 100:1 200:1 and the body attribute carried in the BGP 2 route contains the group value and
B. The route will match only if BGP 100:1 200:1 and the body attribute carried in the BGP 1 route contains the group value and
C. As long as the body attribute carried in the route contains BGP 100:1 200:1, BGP community- with group value or both, the route will match
Filter1
D. As long as the body attribute carried in the route contains BGP 100:1 200:1, BGP community- with group value or both, the route will match Filter2

Answer: B,D

Question: 13

In the broadcast network OSPF RTA.RTB.RTC RTD DR 2. 1. 1 0 network, there are four routers in the same network segment, and its first priority is and
Router ID 192.168.1.1.192.168.2 respectively 1.192.168.3.1 192.168.4.1. 4 and if enabled on this router, OSPF is enabled.
The OSPF BDR is elected as

A. RTB
B. RTC
C. RTA
D. RTD

Answer: B

Question: 14

If shown, a part of a router is as shown in the first line of the LSDB LSP LSP. First received a new one, as shown in the second jump below. The column method is wrong

```
Level-2 Link State Database
LSPID                 Seq Num     Checksum  Holdtime  Length  ATT/P/OL
0002.0002.0002.00-00  0x00000019  0x4eeb    786       102     0/0/0

Level-2 Link State Database
LSPID                 Seq Num     Checksum  Holdtime  Length  ATT/P/OL
0002.0002.0002.00-00  0x00000020  0x4eeb    [illegible]0  102     0/0/0
```

A. The router will put the newly received LSP LSDB.
B. This router will ignore neighboring LSPs received from the home.
C. If it is a point-to-point network, this router will send PSNP
D. If it is a broadcast network, it will be DIS CSNP LSP in the next text, containing the summary information of this

Answer: B

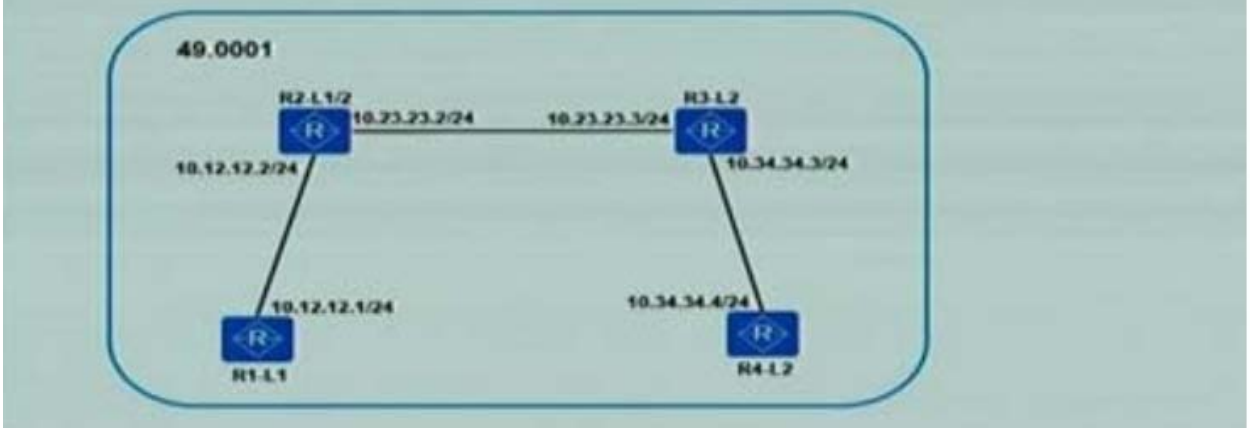
Question: 15

Four routers are running, the router type has been marked R1.R2.R3.R4 ISIS ISIS R1 R1 10.34.34.4 class standard, look at the routing table check, did not arrive
The reason for the route is

```
Route Flags: R - relay, D - download to fib
------------------------------------------------------------------------------
Routing Tables: Public
         Destinations : 5        Routes : 5

Destination/Mask    Proto   Pre  Cost      Flags NextHop         Interface

        10.12.12.0/24  Direct  0    0           D   10.12.12.1      GigabitEthernet0/0/0
        10.12.12.1/32  Direct  0    0           D   127.0.0.1       GigabitEthernet0/0/0
        10.23.23.0/24  ISIS-L1 15   20          D   10.12.12.2      GigabitEthernet0/0/0
```



A. Configure routing policies on R2. Default route filtering.
B. R2 system-ID R3 conflict

C. R3 R4 and the area of the regulation error
D. R2 system-ID R1 conflict

Answer: C

Question: 16

The interface of an existing router Serial0 OSPF 1 Serial0 Silent is going to go and set the interface as an interface. Then what will happen?
Impact?

A. OSPF does not pass the interface to establish any connection.
B. OSPF does not add routes learned from the interface to the local routing table.
C. OSPF will receive routing updates from neighbors.
D. The OSPF interface establishes the available connections.

Answer: A

Question: 17

Which of the following may affect the establishment of the option IBGP ( ) neighbor?
Multiple selection

A. Authentication is unsuccessful
B. The BGP protocol version is inconsistent
C. IBGP – Multi-hop not configured
D. IGP routing is unreachable

Answer: A,B,D

Question: 18

The following is the correct description of the process of registering the source end in the PIM-SM DR RP ?

A. Registration The package encapsulates the datagram group service.
B. Once the RP receives the registration message, it will send a registration stop message.
C. The registration text is used to construct the source tree to report the DR RP RPT with it.

D. The registration text is a broadcast report.

Answer: A

Question: 19

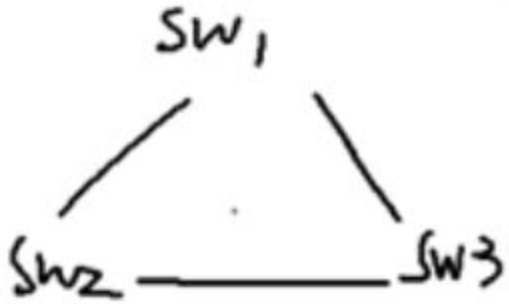
The router is enabled and the role of the router HW OSPF HW ABR, abr -surmnary, LSA ?
is configured and then which classes are summarized

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

Answer: C,D,E

Question: 20

As shown in the figure, three sets of exchanges are exchanged for SW1.SW2 SW3 SW1 SW1 SW2 SW2 and , where I have a root bridge, and the road has a chain between them. The configuration of the root sends the BPDU, and the management needs to configure which generation guarantee mechanism to prevent the tree protection chain from having problems.



A. Environmental protection
B. Root protection
C. TC-BPDU protection
D. BPDU protection

Answer: A

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