HCIP-Datacom-Advanced Routing & Switching Technology

1. What is the default aging time of the MA, C address table of Huawei switches?

A. 300

B. 500

C. 400

D. 5

Answer(s): A

2. What types of Link Types are included in the Router LSA in OSPF?

☐ A. Vlink

☐ B. Stub Net

☐ C. TransNet

☐ D. P-2-P

Answer(s): A B C D

3. CORRECT TEXT
As shown in the figure, OSPF is enabled on all interfaces of the router, and the ip address identified in the figure is the device's IP address.
Loopback0 presses the IP address of the port, RI, R2, R3EJLoopbacD is advertised in the area 1, R4 LoopbacfkD advertises in area D and which of the following functional addresses can be pinged between the LoopbackD announcements of R5 and R5 in area 2?

Areal
Q1
0.1.1/32

A. 10.0.3.3 10.0.5.5

B. 10.0.4.4and10.0.2.2

C. 10.0.2.2and10.0.3.3

D. 10.0.2.2 10.0.5.5

Answer(s): C

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4. You have set IS-IS IPv6 enable under the interface, what is the meaning of this command?

A. Activate on the interfaceIPv6 IS-ISprocess1

B. Activate on the interfaceIPv6 IS-ISprocess3

C. activate on the interfaceIPv6 IS-ISprocess10

D. activate on the interfaceIPv6 IS-ISprocess2

Answer(s): A

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5. When MPLS is deployed in the network and the network layer protocol is IP, the route corresponding to the FEC must exist in the IP routing table of the LSR, otherwise the label forwarding entry of the FEC will not take effect.

A. True

B. False

Answer(s): A

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6. What characteristics must a high-risk operation plan have?

☐ A. with verification

☐ B. Strong operability

☐ C. accurate

☐ D. can return

Answer(s): A B C D

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7. Which of the following operations is not part of the middle stage of dissection?

A. field defense

B. cutover implementation

C. Cutover preparation

D. business test

Answer(s): D

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8. Regarding multi-instance CE (Mlulti-VPN-Instance CE, MCE), which of the following descriptions is wrong?

A. existMCEdevice needs to be differentVPNCreate their own routing table and bind to the correct interface

B. connected to the sameMCEbut not oneVPNInstance users cannot access each other

C. haveMCEfunctional devices can be found inBGPIMPLS IP VPNAccess to multiple applicationsVPNExample, reduce the investment of user network equipment

D. MCEandPEThere must be multiple physical links betweenVPNIsolation between instances

Answer(s): D

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9. Regarding the label space of MPLS, the description is wrong:

A. penultimate jumpLSRWhen performing label exchange, if the exchanged label value is found to be3,By default, the label is popped and the message is sent to the last hop

B. 1024Above areLDP,RSVP-TE. MP-BGPLabel space shared by other dynamic signalingprotocols

C. 16~1023is staticLSPand staticCR-LSPshared tab space

D. If the out tag value is0,The router will directly discard the packet

Answer(s): D

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10. As shown in the figure, OSPF is enabled on all interfaces of the router. Which of the following statements is correct?

Loopback0
10.0.2.2/32

R1 Ⓡ   Ⓡ R2

Area 0   Area 0

R3 Ⓡ   Ⓡ R4

Area 1

R5 Ⓡ   Ⓡ R6

A. R2in the area0generated inTypel LSAcontains10.0.2.2/32routing information

B. R2in the area0generated inType5 LSAcontains10.0.2.2/32routing information

C. R2in the area0generated inType2 LSAcontains10.0.2.2/24routing information

D. R2in the area0generated inType3 LSAcontains10.0.2.2/32routing information

Answer(s): A

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11. Which of the following sequences can be matched by the regular expression 100.S
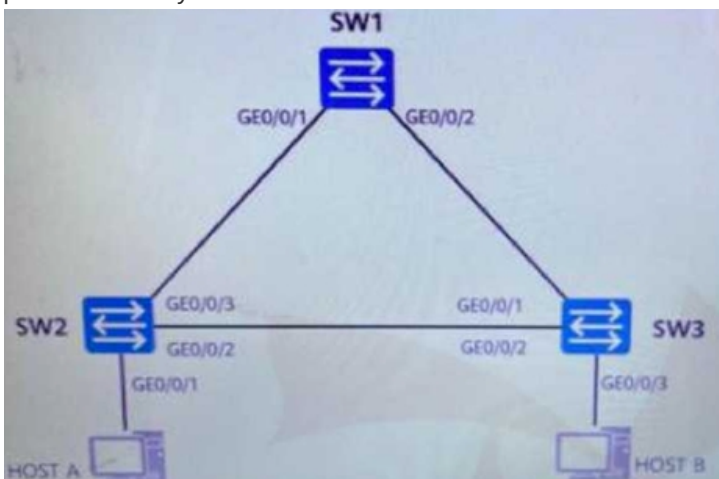
☐ A. 100

☐ B. 1000

☐ C. 10000

☐ D. 1001

Answer(s): B D

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12. As shown in the figure, the network has a loop because STP is not enabled. Which of the following phenomena may be bowed?

SW1

GE0/0/1   GE0/0/2

SW2   GE0/0/3   GE0/0/1   SW3
             GE0/0/2   GE0/0/2
             GE0/0/1   GE0/0/3

HOST A   HOST B

☐ A. Hostreceive a large number of broadcasts

☐ B. The device will generate a loop alarm

☐ C. equipmentCPUOccupancy is too high

☐ D. MA, CAddress table flapping

Answer(s): A B C D

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13. (Multiple Choice) Which LSAs in OSPFv3 can be flooded in an area?

A. Link-LSA

B. Inter-Area-Router-LSA

C. Inter-Area-Prefix-LSA

D. Intra-Area-Prefix-LSA

Answer(s): D

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14. About the difference between NSR and NSF, which is correct?

A. NSF must rely on neighbor routers to complete

B. Both NSR and NSP require neighbor routers to complete

C. NSR must rely on neighbor routers to complete

Answer(s): B

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15. The input information of a router is as follows. Which of the following causes the OSPF adjacency cannot be established normally?

```
<Huawei>display ospf error interface GigabitEthernet 0/0/°
                OSPF Process 1 with Router ID 10.0J2.2
                              OSPF error statistics

   Interface: GigabitEthernetO/O/O (10,0/12.2)
    General packet errors:
     0     :Bad version            0    :Bad checksum
    [1     :Bad area id            0    :Bad authentication type
    10     :Bad authentication key 0    :Unknown neighbor
    \0     :Bad net segment        0    :Extern option mismatch
    \0     :Router id confusion

   BHELLO packet errors:
        0   :Netmask mismatch      1    :Hello timer mismatch
   Bo       :Dead timer mismatch   0    ;Invalid Source Address
```

☐ A. Area code does not match

☐ B. Inconsistent area type

☐ C. interfaceIPInconsistent address masks

☐ D. Hell. Inconsistent message sending interval

Answer(s): A D

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16. As shown in the figure, SF is enabled on all interfaces of the router, the cost value of the link is marked in the figure, and the Loopback0 interface of R2 is advertised in area 1, then the cost value of R1 reaching 10.0.2.2/32 is?
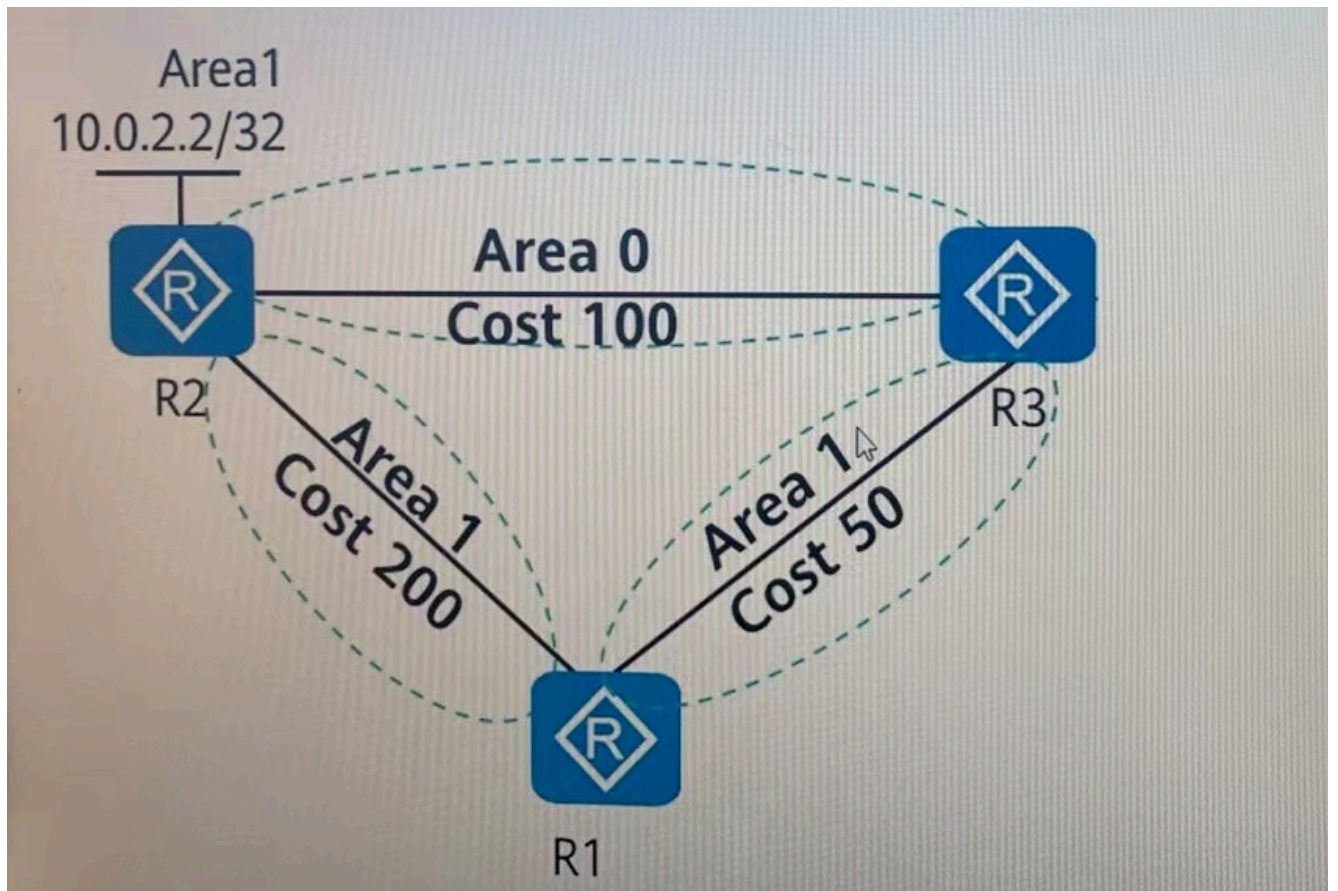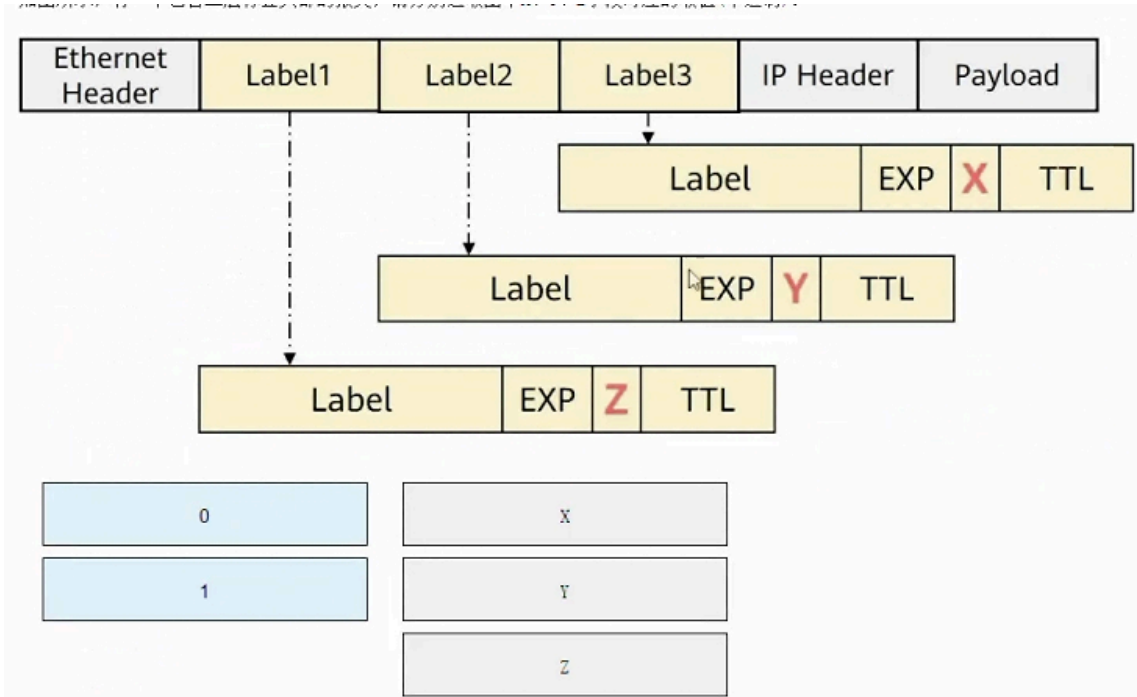

A. 100

B. 150

C. 50

D. 200

Answer(s): D

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17. CORRECT TEXT
As shown in the figure, there is a packet containing a three-layer label header. Please select the values

(decimal) corresponding to the x, and Z fields in the figure.

Ethernet Header	Label1	Label2	Label3	IP Header	Payload

Label	EXP	X	TTL

Label	EXP	Y	TTL

Label	EXP	Z	TTL

0		X
1		Y
		Z

A. () () () 0-Y 0-Z 1-X

Answer(s): A

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18. Network administrator A wants to use AS-Path Filter to match the BGP routing attribute AS_PATH[100200300]. Network administrator A sorts out the four configurations in the figure. Which of the following configurations can meet the requirements of network administrator A?

Method	Config
A	ip as-path-filter TEST permit 100 200 300
B	ip as-path-filter TEST permit _300$
C	ip as-path-filter TEST permit ^[^100]
D	ip as-path-filter TEST permit *.

☐ A. way A

☐ B. way D

☐ C. WayC

☐ D. way B

Answer(s): A D

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19. For the same MA, C address, manually configured MA, C entries have higher priority than automatically generated entries.

A. True

B. False

Answer(s): A

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20. What is the Router-ID of OSPFv3?

A. 100bit value

B. 128bit value

C. 32bit value

D. 64bit value

Answer(s): C